

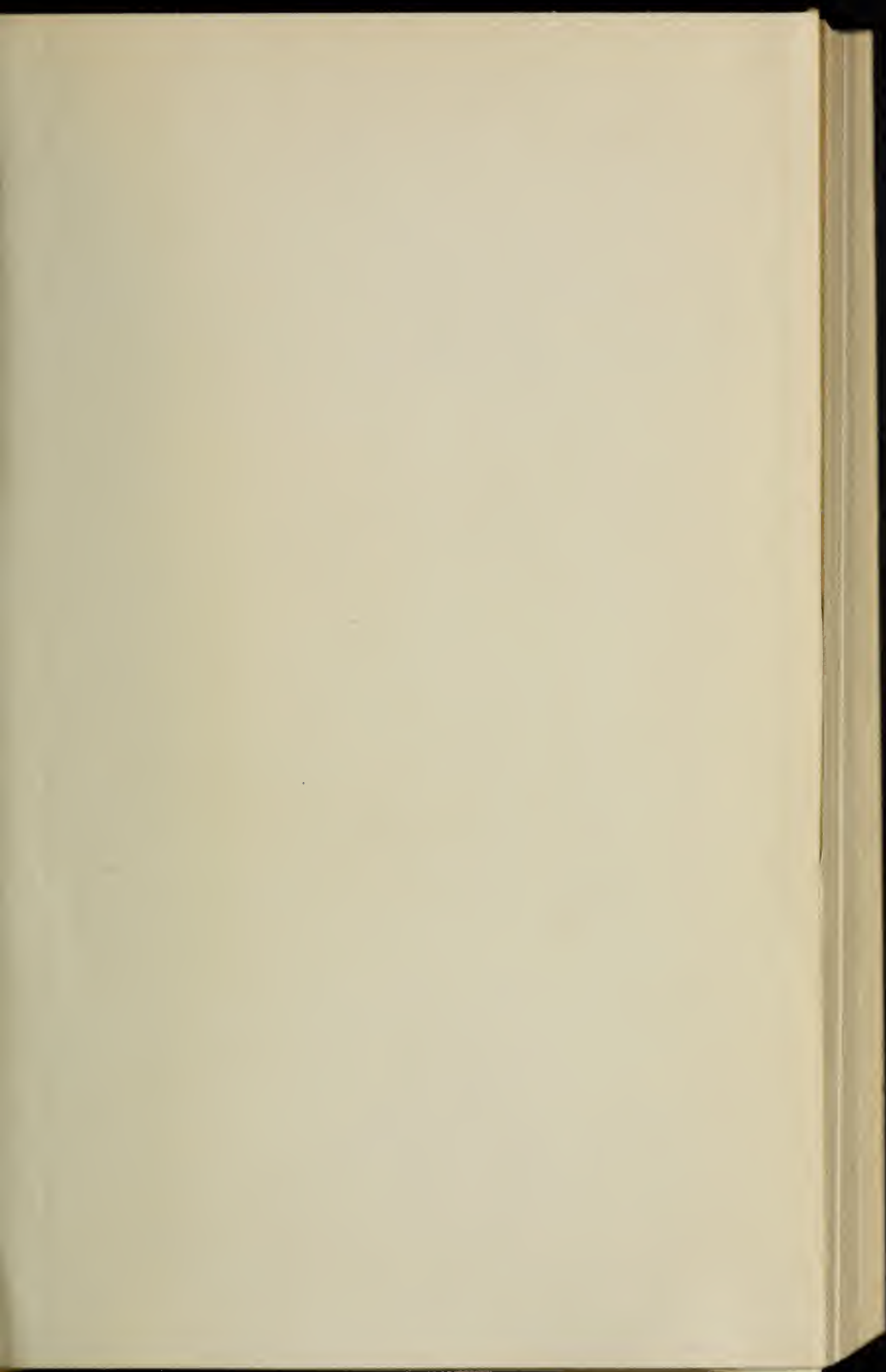


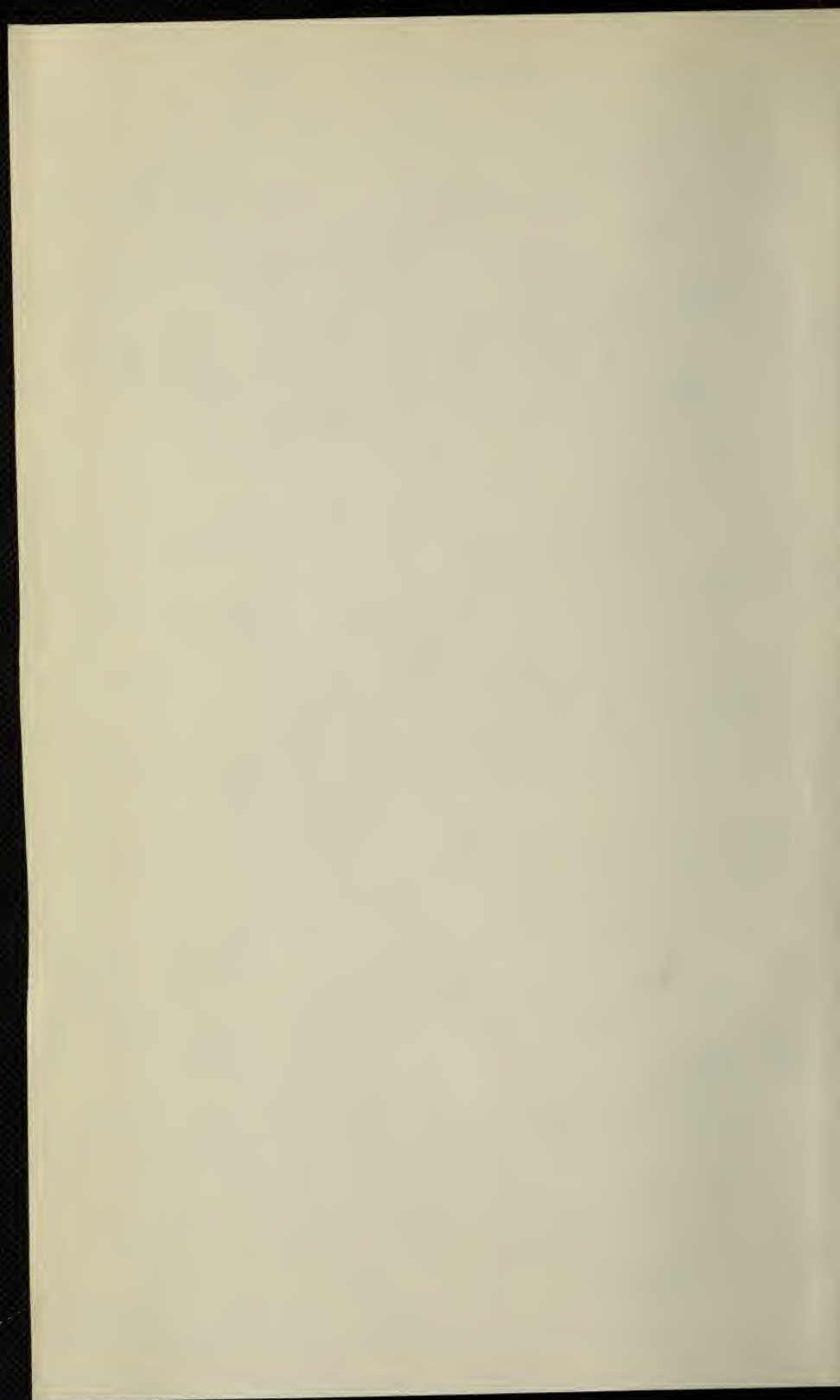


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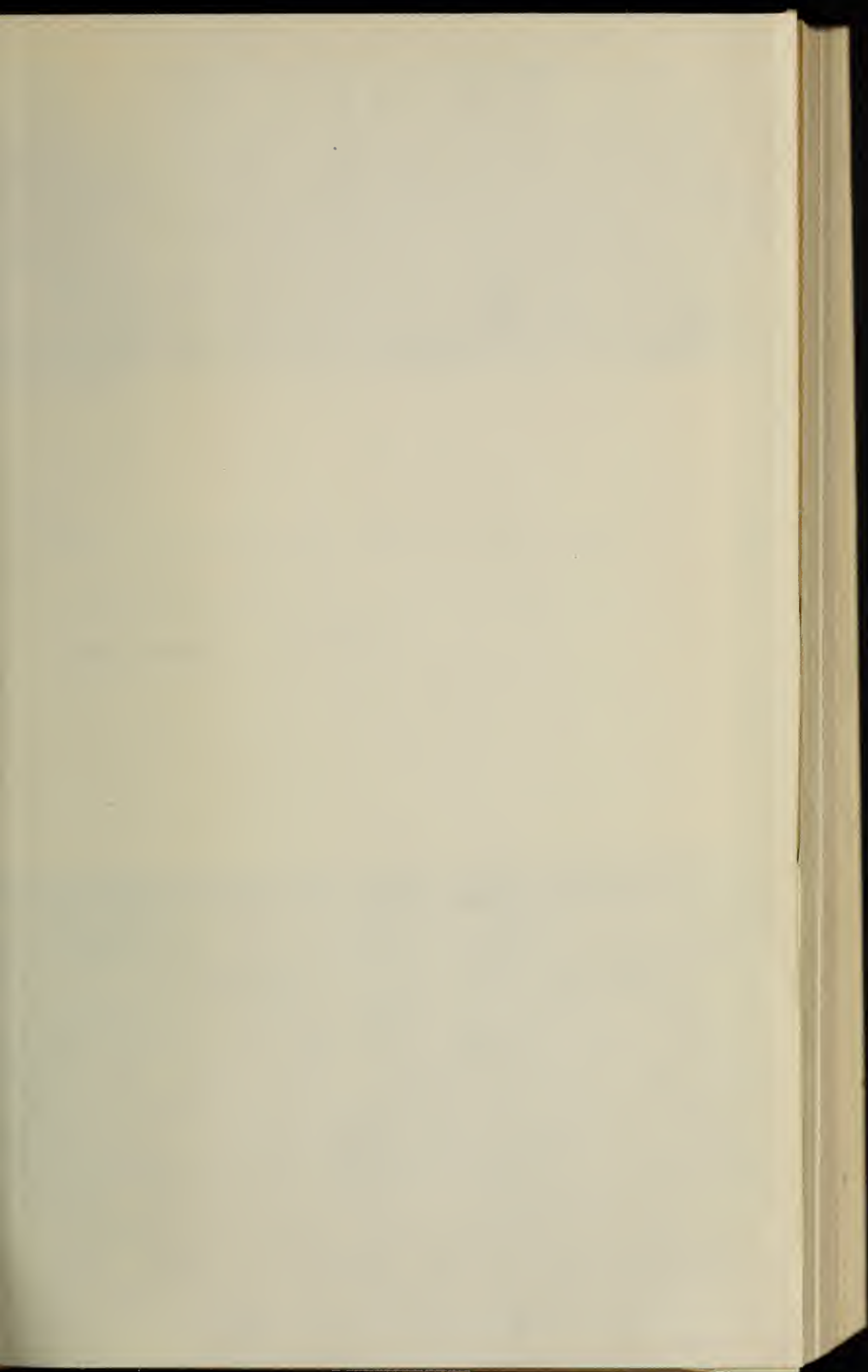
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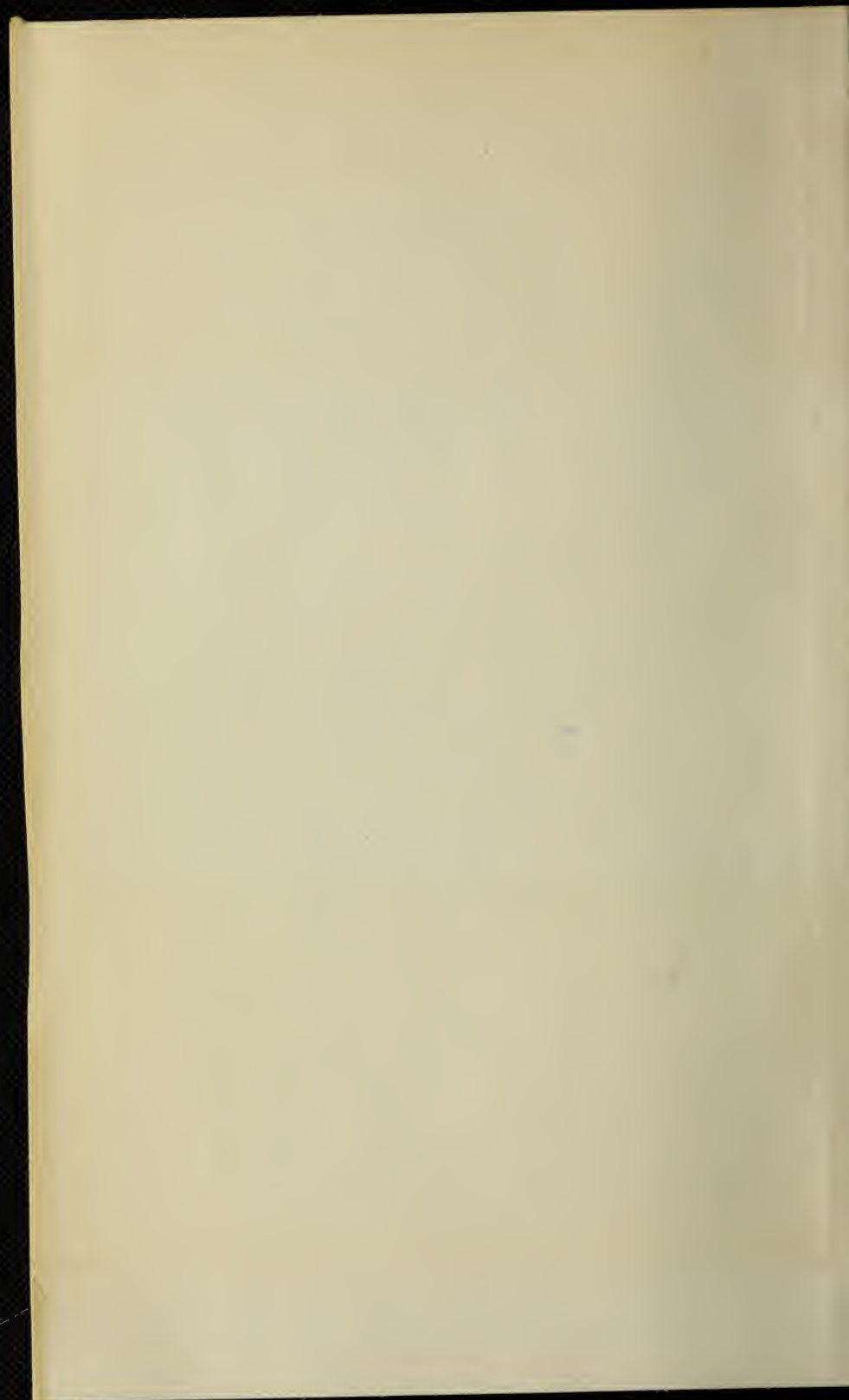














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*Ohio State*

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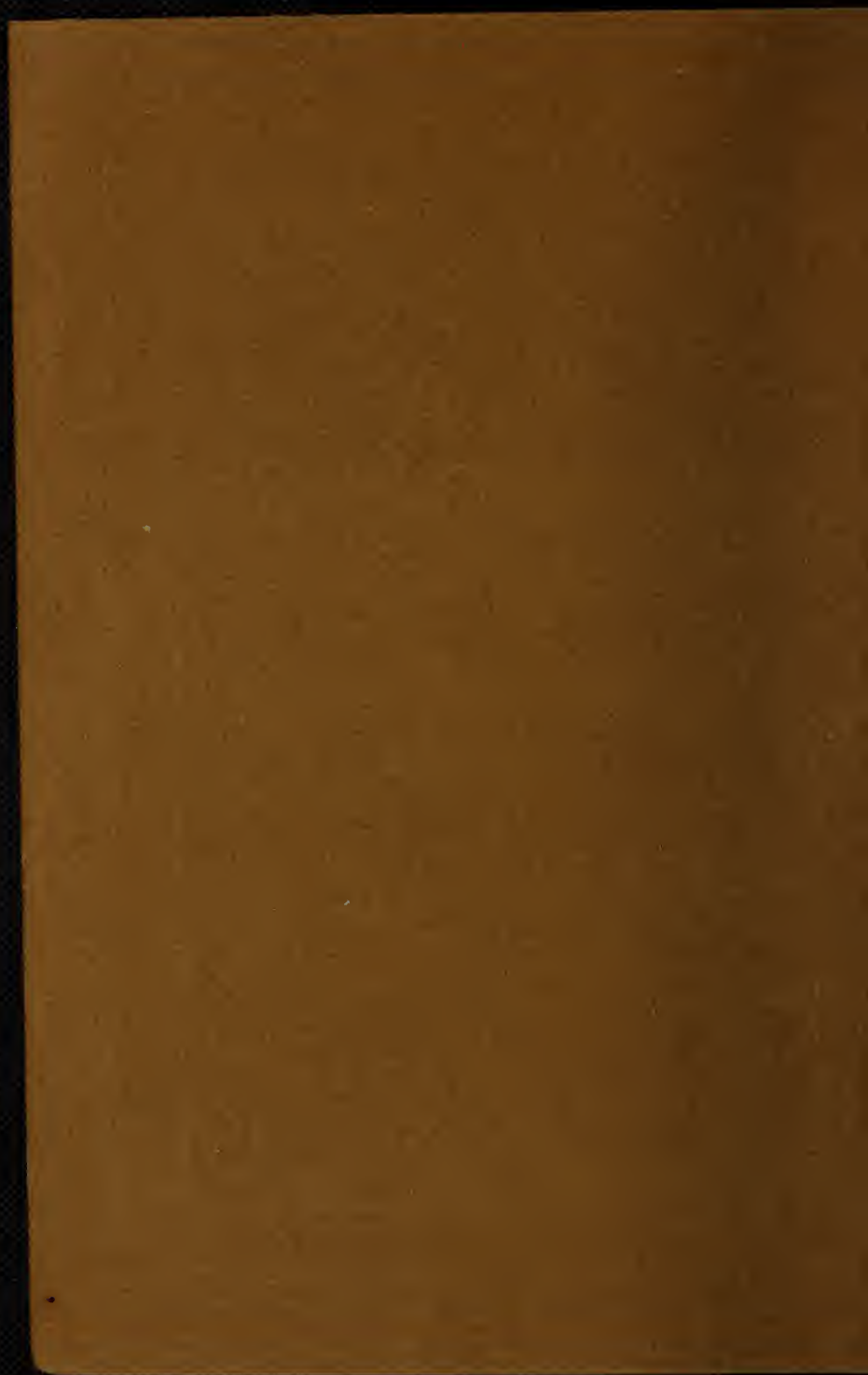


STUDENT'S OFFICE

AUG 7 1910

EIGHTH YEAR

1909-1910



# THE MIAMI BULLETIN

(EXTRA CATALOGUE EDITION)

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SERIES VIII

APRIL, 1910

NUMBER 10

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(Published monthly by Miami University and entered at the Post-Office, Oxford, Ohio, as second-class mail matter.)

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UNIVERSITY OF ILLINOIS

PRESIDENT'S OFFICE.

## *Ohio State Normal College*

*of MIAMI UNIVERSITY*

1909 - 1910

Oxford, Ohio

## CALENDAR 1911

MAR.		FEB.		JAN.		SUN.	
1	5	12	5	15	8	1	1
2	6	13	6	16	9	2	2
3	7	14	7	17	10	3	3
4	8	15	8	18	11	4	4
5	9	16	9	19	12	5	5
6	10	17	10	20	13	6	6
7	11	18	11	21	14	7	7
8	12	19	12	22	15	8	8
9	13	20	13	23	16	9	9
10	14	21	14	24	17	10	10
11	15	22	15	25	18	11	11
12	16	23	16	26	19	12	12
13	17	24	17	27	20	13	13
14	18	25	18	28	21	14	14
15	19	26	19	29	22	15	15
16	20	27	20	30	23	16	16
17	21	28	21		24	17	17
18	22	29	22		25	18	18
19	23	30	23		26	19	19
20	24		24		27	20	20
21	25		25		28	21	21
22	26		26		29	22	22
23	27		27		30	23	23
24	28		28			24	24
25	29		29			25	25
26	30		30			26	26
27						27	27
28						28	28
29						29	29
30						30	30
31							

NOTE:—Vacation dates are blank. On all other dates students are required to be present at the University for College duties.



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1909/10 - 1917/18

## University Calendar

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1910.

January 4.....Registration; Winter Term Begins  
January 16.....2:30 p. m., Fourth University Service  
January 27.....Day of Prayer for Colleges  
February 3.....Annual Concert of Madrigal Club  
February 17.....Founders' Day, 101st Anniversary  
February 20.....2:30 p. m., Fifth University Service  
February 22.....Washington's Birthday  
March 12.....Annual Indoor Athletic Meet  
March 16.....Term Examinations Begin  
March 18.....Winter Term Ends

### MARCH RECESS.

March 29.....Registration; Spring Term Begins  
April 9.....Annual Concert of the Glee Club  
April 15.....Inter-Collegiate Debate  
April 17.....2:30 p. m., Sixth University Service  
April 22.....Annual Gold Medal Oratorical Contest  
May 9.....Beginning of Teachers' Special Term  
May 15.....2:30 p. m., Seventh University Service  
May 30.....Memorial Day  
June 8.....Term Examinations Begin

### COMMENCEMENT WEEK.

June 12.....10:30 a. m., Baccalaureate Sermon  
June 12..7:30 p. m., Annual Sermon Before the Christian  
Associations.  
June 13.....7:30 p. m., Class Play of Normal College  
June .....4 p. m., Reunion of Normal College Alumnae  
June 14..10 a. m., Class Day Program, College of Liberal  
Arts.  
June 14....10 a. m., Annual Meeting of Board of Trustees

June 14..2:30 p. m., Commencement Exercises of the  
           Ohio State Normal College of Miami University.  
 June 14..7:30 p. m., Senior Class Play, College of Liberal  
           Arts.  
 June 15..12:00 m., Alumni Luncheon and Business Meet-  
           ing.  
 June 15.....5:00 p. m., Class Reunions  
 June 15.....7:30 p. m., Reunions of Literary Societies  
 June 15..9:00 p. m., Reunions of Greek Letter Fraterni-  
           ties and other College Societies.  
 June 16.....9:30 a. m., Commencement Processional  
 June 16..10:00 a. m., Commencement Exercises of the  
           College of Liberal Arts.  
 June 16..12:00 m., Formal Ending of the One Hundred  
           and First Year of Miami University.  
 June 16..2:00 p. m., Annual Reception by the President  
           of the University.

### JUNE RECESS.

June 20.....Summer Term Begins  
 June 26.....2:30 p. m., Summer Term University Service  
 June 28.....8:00 p. m., Mid-Summer Reception  
 July 29.....12:00 m., Summer Term Ends

### SUMMER VACATION.

September 20....Entrance Examinations and Registration  
 September 21.....Fall Term Begins  
 October 16.....2:30 p. m., First University Service  
 November 20.....2:30 p. m., Second University Service  
 November 24.....Thanksgiving Day  
 December 18.....2:30 p. m., Third University Service  
 December 23.....Fall Term Ends

### WINTER VACATION.

1911.

January 3.....Winter Term Begins  
 March 24.....Winter Term Ends

### MARCH RECESS.

April 4.....Spring Term Begins  
 May 8.....Beginning of Teachers' Special Term  
 June 15.....Commencement, Spring Term Ends

### JUNE RECESS.

June 19.....Summer Term Begins

*Ohio State Normal College*  
*of Miami University*

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**EDUCATIONAL STAFF.**

GUY POTTER BENTON, D.D., LL.D.,  
President.

HARVEY C. MINNICH, A.M., D.Ped.,  
Dean.

ELIZABETH HAMILTON, A.B.,  
Dean of Women.

ANNA ELIZABETH LOGAN, A.M.,  
Supervisor of Primary Grade Training  
and  
Professor of Method.

THOMAS LYTTLE FEENEY, A. M.,  
Supervisor of Upper Grade Training  
and  
Professor of Method.

GEORGE WILSON HOKE, Ph.M.,  
Professor of Geography.

FREDERICK WILLIAM STONE,  
Director of the Gymnasium  
and  
Professor of Physical Culture.

FRED CAMPBELL WHITCOMB, B.S.,  
Director of Manual Arts  
and  
Professor of Manual Training.

BENJAMIN MARSHAL DAVIS, Ph.D.,  
Professor of Agricultural Education  
and  
Natural History.

ARTHUR LOREN GATES, A.B.,  
Director of Dramatic Art  
and  
Professor of Public Speaking.

JOHN WALTER HECKERT, A.M.,  
Professor of Education  
and  
Director of Practice School.

FRANCES GIBSON RICHARD, A. M.,  
Assistant Professor of English.

RAYMOND HUGH BURKE, B. S.,  
Director of Music.

MARY E. COLEMAN, A.M.,  
Assistant Professor of History.

ALICE REBEKAH ROBINSON,  
Instructor in Art.

LENA ROSS,  
Instructor in Domestic Arts  
and Science.

EMERY H. PETRY,  
Instructor in Manual Training.

WILLIAM H. STEWART, A.B.,  
Superintendent of Practice Schools.

WALTER CLEMENT WILSON,  
Critic Teacher, Manual Training,  
and Eighth Year.

EMMA CONE,  
Critic Teacher of Music.

MARGARET ANGELL,  
Critic Teacher, Drawing.



NELLIE LOWE NOBLE,  
Assistant Critic Teacher  
Domestic Science.

BERNICE KENNY,  
Critic Teacher, Seventh Year.

GEORGIA RELLA ANDERSON,  
Critic Teacher, Sixth Year.

ELIZABETH BEATON, A. B.,  
Critic Teacher, Fifth Year.

EVA CROUS,  
Critic Teacher, Fourth Year.

MARY McSURELY, A. B.,  
Critic Teacher, Third Year.

EVA BOYDEN,  
Critic Teacher, Second Year.

IRMA FENTON,  
Critic Teacher, First Year.

ALICE RAMSEY,  
Kindergarten.

# General Information

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## Organization.

Guy Potter Benton, D.D., LL.D.....President  
Harvey C. Minnich, A.M., Ped.D.....Dean  
Fred C. Whitcomb, B.S.....Secretary to the Faculty  
Anna Marie Conway.....Private Secretary to the Dean  
(Dean's Office, Auditorium. Hours, 11 to 12 a. m.; 4 to 5:30 p. m.)

## Standing Committees for 1909-10.

**Entrance Credits and Advanced Standing Work.**—Feeney, Richard, Whitcomb, Hoke.

**Course of Study and Standing of Students.**—Heckert, Feeney, Davis, Logan, Ross, Whitcomb.

**Societies.**—Logan, Coleman, Burke, Angell.

**Entertainment and Commencement.**—Burke, Robinson, Coleman.

**Conduct and Health.**—Hoke, Davis, Ross, Robinson.

**Library, Publications, and Teachers' Associations.**—Whitcomb, Davis, Heckert, Angell.

## Faculty Class Advisers

Anna Elizabeth Logan.....Class of 1910  
George Wilson Hoke.....Class of 1911  
Fred Campbell Whitcomb.....Manual Arts  
Frances Gibson Richard.....Township Teachers

## COURSES OF STUDY.

The Ohio State Normal College offers the following courses:

I. TWO YEAR COURSES leading to the  
STATE NORMAL DIPLOMA.

- A. Regular Grade Teachers.
- B. Special Teachers of Manual Training.
- C. Special Teachers of Public School Drawing.
- D. Special Teachers of Public School Music.
- E. Special Teachers of Domestic Science.
- F. Special Teachers in Rural Industrial Education.

II. ONE YEAR COURSES.

- A. College Graduates; elementary or secondary school teachers.
- B. Township Teachers.

III. Graduates from the Liberal Arts College of the University with prescribed courses in education are recommended for secondary school positions.

**EQUIPMENT.**

The recitation halls, laboratories, library, and general facilities of Miami University are used by the Ohio State Normal College. Each department has, in addition to the general equipment, its working library and laboratory.

## 10 OHIO STATE NORMAL COLLEGE

### **New Normal College Building.**

The South Pavilion of the new Normal College Building is especially designed and adapted for a Practice School. It comprises twelve rooms for practice teaching, Kindergarten rooms, Children's Gymnasium, Manual Training room for the grades, rooms for Music and rooms for Domestic Science.

It has all the modern equipment: the fan system of heating and ventilating, toilets and wash rooms on each floor, shower baths and tungsten electric lights.

The Geography Equipment is among the most complete in the west.

The Manual Training Department has the most modern designs of benches, lathes, and tools.

The Domestic Science rooms are provided with apparatus requisite for practice in all the arts of home economy.

**Rural Education.** A complete laboratory has been installed in the new Normal College Building for this department, provided with aquaria, culture beds, germination beds, etc.

With this laboratory is connected a three-acre plat of ground for plant growing and school gardening.

### **PRACTICE AND OBSERVATION SCHOOLS.**

#### **GRADED SCHOOLS.**

Arrangements have been made with the Board of Education of the Village of Oxford whereby the



Normal College students receive their practice and observation. In this way the practice and observation are amid **real school conditions**. All the problems of the public schools must be met and solved in the course of each student's term of practice.

The Practice Schools include all the eight grades of the Public Schools, a Kindergarten, and special class instruction in Manual Training, Music, Drawing and Domestic Science.

#### **UNGRADED SCHOOLS.**

Observation work is carried on in a model school of Oxford Township. This model school is equipped to represent the best modern township school. Modern methods and lessons are observed in this school and discussed in class at subsequent conferences in the method course.

#### **EXPENSES.**

**Tuition** is free, but an incidental fee of five dollars a term is charged.

**Hepburn Hall** is a magnificent new structure accommodating ninety-six women students, and is steam heated, electric lighted, and in every way modern.

The parlor, library, reception corridors, laundry, and hot and cold baths are features that make this new building a most attractive home for young women. Students are assigned to Hepburn Hall in order of application. Two students are assigned to a room, and the price charged is \$3.75 per week

## 12 OHIO STATE NORMAL COLLEGE

each. This charge includes board, room, light, heat, and all necessary service. Rooms are furnished with the exception of sheets, pillow-cases, and towels, which students must provide for themselves. The dormitory is equipped with a modern laundry where women students, if they so choose, may do their own washing and ironing. The hall is cared for by a competent housekeeper, and the tables are provided with a suitable variety of good and substantial food. A scholarly and sympathetic Dean of Women presides over the interests of all the young women students both inside and outside the dormitory, and all women students are subject to her authority.

**Cottages and Other Homes.**—South Cottage, New Cottage and Hamilton Cottage are under the care of competent matrons. Homes in town offer good accommodations at one dollar per week.

**University Inn.**—Board is provided at two dollars per week. Other Boarding Clubs accommodate students at \$2.75 to \$3.50 per week.

The average expenses of twenty-five alumnae of the Normal College taken at random were as follows:

	First year.	Sec'd year.
Board and room .....	\$136.75	\$130.47
Books .....	12.08	14.07
Personal and incidentals .....	37.47	50.10
	<hr/>	<hr/>
	\$186.30	\$194.64

### PIERIAN LITERARY SOCIETY.

The Pierian Literary Club meets every Friday evening. This society affords cultural and social

advantages to all the women students of the Normal College, and is one of the most valuable activities of the student life.

It is a member of the State federation of Women's Clubs, and puts the young ladies in touch with all the work of the women's clubs of the State.

### **MADRIGAL CLUB.**

The Madrigal Club is a girls' musical organization composed of about twenty-five of the best voices in the Institution. This club gives one or two public recitals during the college year.

### **EMPLOYMENT BUREAU.**

Through the Employment Bureau of the University the interests of those going out from any of the teachers' courses are cared for without expense to the candidates. A large correspondence is carried on with school authorities relative to vacancies and teachers.

Last year the committee filled positions for teachers with a total year's income of \$47,000.

The committee is directly interested in students of this Institution, but will gladly register, free of cost, any Ohio teachers.

### **EXTENSION WORK FOR THE PUBLIC SCHOOLS.**

The Normal College desires to be of the greatest possible use to the public schools of the State, and has arranged for extension work in two forms:

**Visits of Department Professors.**

Upon application the Normal College will send a department professor who will visit the schools, advise with the teachers as to the best methods of conducting the work in his special subject, suggesting equipment and laboratory exercises, conduct round-table conferences with groups of teachers, and deliver lectures to teachers, pupils, and patrons. During the past year a number of such visits were made, and the schools visited were very cordial in their acknowledgment of the benefits received.

The following departments are prepared to make these visits:

Education	Agricultural Education
Methods	Nature Study
Elementary Mathematics	Music
Geography	Drawing
History	Manual Training
English	

Sometimes these visits can be arranged without cost to the schools visited, but usually the actual expenses are to be borne by them.

Schools desiring such visits should write to Dean Minnich.

**Lantern Slides, Laboratory Material.**

The Normal College is prepared to loan to schools sets of lantern slides upon School Improvement, Geography, Nature Study, Travel, etc.; also to furnish specimens for Nature Study and relative seeds, cocoons, rocks, etc.

In all such cases the school making the request will pay transportation.



Schools desiring such slides, specimens, etc., should address Teachers' Aid Bureau, Oxford, Ohio.

### ADMISSION.

Candidates must be possessed of good health, good moral character, and a serious attitude toward teaching, and be able to present the scholastic attainments required for entrance to the course selected.

# Two Year Courses

## ENTRANCE REQUIREMENTS.

Attention is called to the following statement from Section 4073 of the Revised Statutes of Ohio:

"Each county board of school examiners may make its own regulations to grant certificates without formal examinations, except in theory and practice of teaching and in the science of education, to graduates of schools for the training of teachers, providing at least a two-years' course of study in addition to graduation from a first grade high school."

In conformity to the above paragraph of the school statutes, students entering the Freshman class are required to present (1) a diploma from a first grade high school or (2) fifteen entrance units as described below, a unit being a course of study covering a school year of not less than thirty-six weeks, with five periods of at least forty minutes each per week.

Nine of these units are required, the rest elective.

If students entering upon a first grade high school diploma are deficient in any required units, they must make up these units before graduation.

The following 9 units are required:

English .....	3
History .....	1
Algebra to quadratics .....	1
Plane geometry .....	1
Physics or chemistry with laboratory work.....	1
Latin, Greek, French, or German .....	2

The 6 additional units must be selected from

the following:

Algebra through progressions .....	1/2	Civics .....	1/2
Beginners' Latin .....	1	Medieval or modern history .....	1/2
Caesar .....	1	Chemistry or physics with laboratory work..	1
Cicero's Orations .....	1	Botany, zoology, or biology with laboratory work .....	1
Virgil .....	1	Physiography .....	1/2
Elementary French ....	1	Physiology .....	1/2
Second-year French ....	1	Solid geometry .....	1/2
Elementary German ...	1	*Manual training....	1/2 or 1
Second-year German ...	1	*Drawing .....	1/2 or 1
Greek and Roman history .....	1/2	*Elementary Agriculture.....	1/2 or 1
U. S. history .....	1/2		

\*Until there is a definite agreement among Ohio schools as to what constitutes a High School unit in these subjects, the course pursued and the work done in each case must be satisfactory to the proper department of the Normal College if credit is to be given.

Note 1. Physics is required for entrance to the Courses leading to the Manual Training Diploma, the Domestic Science Diploma and the Rural Industrial Education Diploma.

Note 2. Musical ability and some technical skill with voice and piano are required for entrance to the course in Music.

Experienced teachers holding a good grade of certificate, who give evidence of ability to do the work, may enter the Freshman class, but must satisfy the entrance requirements before graduation.

Students entering deficient in entrance requirements may by special permission of the faculty, upon exhibiting exceptional ability through the first term's work, satisfy such lack as follows: (a) deficient in one unit, take one extra subject for two terms, or take work equivalent to one entrance credit in Summer Term following first year of residence; (b) deficient in two units, take one extra subject for two terms and work equivalent to one unit during Summer Term following first year of

## 18 OHIO STATE NORMAL COLLEGE

residence; (c) deficient in more than two units, more than two years of residence will be required for graduation, but upon application to the Dean of the Normal College full information will be given as to the best arrangement for satisfying these deficiencies.

### JUNIOR RANK.

Holders of the State Normal Diploma for Regular Grade Teachers are given full Junior Rank in the courses leading to the Bachelor of Arts degree; providing the fifteen units required for entrance to the Liberal Arts College have been satisfied.

### SCHEDULE.

A printed schedule giving complete information as to instructors, sections, days, hours, and rooms for the courses offered is printed each year. This schedule will stand from year to year subject only to necessary modification. In case of small elective courses, professors will make such temporary changes as may meet the exigency. The schedule may be had on application, addressed to the Dean of the Normal College.

### GRADUATION.

The Normal College Diploma is conferred upon students who satisfy the following requirements: (a) possess the capacities and the physical and moral qualities necessary to make efficient and progressive teachers, (b) earnestly and consistently endeavor to prepare themselves for teaching, (c) give satisfactory evidence of skill in teaching,



(d)complete one of the two year courses of study specified for the Normal College. This involves the satisfactory completion of 96 credit hours of undergraduate work.

# SYNOPSIS OF COURSES

## A. REGULAR GRADE TEACHERS.

### FIRST YEAR.

First Term	Second Term	Third Term
Drawing 11	Drawing 11	Drawing 11
Education 11	Education 11	Education 11
English 11	English 11	English 11
Geography 11	Geography 11	Geography 11
History 11	History 11	History 11
Mathematics 11	Mathematics 11	Music 11
Music 11	Music 11	Physical Culture
Physical Culture	Physical Culture	Training 11
<hr/> 17	<hr/> 17	<hr/> 17

**SECOND YEAR.**

First Term	Second Term	Third Term
Agricultural Education 12----	3 Agricultural Education 12----	3 Agricultural Education 12----
Education 12-----	3 Drawing 12-----	1 Manual Training 12-----
History 12-----	3 Education 12-----	3 Music 12-----
Manual Training 12----	1 Manual Training 12----	1 Public Speak. 12-----
Music 12-----	3 Music 12-----	3 Sch. Adminis. 12-----
Physical Culture-----	Physical Culture-----	Teaching 12-----
Teaching 12-----	3 Teaching 12-----	3 Training 12-----
Training 12-----	2 Training 12-----	1-----
-----	-----	14
-----	16	14

# B. SPECIAL TEACHERS OF MANUAL TRAINING. FIRST YEAR.

First Term	Second Term	Third Term
Drawing 13.....	2 Drawing 13.....	2 Drawing 13.....
Drawing 14.....	2 Drawing 14.....	2 Drawing 14.....
Education 11.....	3 Education 11.....	3 Education 11.....
English 1.....	3 English 1.....	3 English 1.....
Manual Training 13.....	2 Manual Training 13.....	2 Manual Training 13.....
Manual Training 15.....	1 Manual Training 14.....	3 Manual Training 14.....
Mathematics 13.....	3 Manual Training 15.....	1 Manual Training 15.....
Physical Culture.....	$\frac{2}{3}$ Physical Culture.....	$\frac{2}{3}$ Physical Culture.....
	<u>16<math>\frac{2}{3}</math></u>	<u>16<math>\frac{2}{3}</math></u>

## SECOND YEAR.

First Term	Second Term	Third Term
Drawing 17.....	3 Botany 2.....	3 Botany 2.....
Manual Training 16.....	4 Drawing 18.....	2 Drawing 18.....
Manual Training 17.....	4 Education 12.....	3 Manual Training 17.....
Manual Training 18.....	2 Manual Training 17.....	2 Manual Training 18.....
Manual Training 20.....	3 Manual Training 18.....	2 Manual Training 20.....
	<u>16</u>	<u>3</u>
		3 School Administration 12.....
		<u>15</u>

# C. SPECIAL TEACHERS OF PUBLIC SCHOOL DRAWING. FIRST YEAR.

First Term	Second Term	Third Term
Drawing 11.....	Drawing 11.....	Drawing 11.....
Drawing 13.....	Drawing 12.....	Drawing 13.....
Drawing 14.....	Drawing 13.....	Drawing 14.....
Education 11.....	Drawing 14.....	Education 11.....
English 1.....	Education 11.....	English 1.....
English 10.....	English 1.....	English 10.....
Manual Training 12.....	English 10.....	Manual Training 12.....
Manual Training 13.....	Manual Training 12.....	Manual Training 13.....
Physical Culture.....	Manual Training 13.....	Physical Culture.....
16½	Physical Culture.....	16½
	16½	

## SECOND YEAR.

First Term	Second Term	Third Term
Drawing 16.....	Drawing 16.....	Drawing 16.....
Drawing 17.....	Drawing 18.....	Drawing 18.....
Drawing 20.....	Drawing 20.....	Drawing 20.....
Greek 6.....	Education 12.....	Greek 6.....
Manual Training 17.....	Greek 6.....	Manual Training 17.....
Manual Training 18.....	Manual Training 17.....	Manual Training 18.....
Training P 12.....	Manual Training 18.....	School Administration 12.....
15	Training P 12.....	15
	15	



# D. SPECIAL TEACHERS OF PUBLIC SCHOOL MUSIC.

## FIRST YEAR.

First Term		Second Term		Third Term	
Education 11	3	Education 11	3	Education 11	3
English 1	3	English 1	3	English 1	3
Music 11	3	Music 11	3	Music 11	3
Music 13	3	Music 13	3	Music 13	3
Music 15	2	Music 15	2	Music 15	2
Music 17	2	Music 17	2	Music 17	2
Physical Culture	3	Physical Culture	3	Physical Culture	3
Electives	3	Electives	3	Training 11	3
17½		17½		17½	

## SECOND YEAR.

First Term		Second Term		Third Term	
Education 12	3	Education 12	3	School Administration 12	3
Music 12	3	Music 12	3	Music 12	3
Music 14	3	Music 14	3	Music 14	3
Music 16	2	Music 16	2	Music 16	2
Music 18	2	Music 18	2	Music 18	2
Music 20	2	Music 20	2	Music 20	2
Electives	2	Electives	2	Electives	2
14½		14½		14½	

NOTE—NO SPECIAL FEES are charged for any of the music courses where a student is taking the Regular Two Year Educational Music Course.

NOTE—A fee of \$2.00 per term is required for the use of a piano one hour each day. (Extra hours pro rata.)

# E. SPECIAL TEACHERS OF DOMESTIC SCIENCE. FIRST YEAR.

First Term	Second Term	Third Term
Agri. Education 13	Chemistry 1	Chemistry 1
Chemistry 1	Domestic Science 13	Domestic Science 13
Domestic Science 14	Domestic Science 14	Domestic Science 14
Education 11	Drawing 13	Drawing 13
English 1	Education 11	Education 11
Manual Training 13	English 1	English 1
Physical Culture	Manual Training 13	Manual Training 13
	Physical Culture	Physical Culture
16½	16½	16½

## SECOND YEAR.

First Term	Second Term	Third Term
Chemistry 6	Agricultural Education 13	Agricultural Education 13
Domestic Science 16	Chemistry 6	Domestic Science 17
Domestic Science 17	Domestic Science 16	Domestic Science 19
Domestic Science 18	Domestic Science 17	Domestic Science 20
Domestic Science 20	Domestic Science 20	Drawing 18
Drawing 14	Drawing 18	Sch. Adminis. 12
	Education 12	
15	15	15

# F. RURAL INDUSTRIAL EDUCATION.

(For Township Superintendents, Principals, and Science Teachers in Agricultural Communities.)

## FIRST YEAR.

First Term		Second Term		Third Term	
Agricultural Education 14.....	4	Agricultural Education 14.....	2	Agricultural Education 14.....	2
Drawing 14.....	2	Botany 2.....	3	Botany 2.....	3
Education 11.....	3	Drawing 18.....	2	Drawing 18.....	2
English 1.....	3	Education 11.....	3	Education 11.....	3
Mathematics 13.....	3	English 1.....	3	English 1.....	3
Physical Culture.....	3	Manual Training 14.....	3	Manual Training 14.....	3
	<u>15½</u>	Physical Culture.....	3	Physical Culture.....	3
			<u>16½</u>		<u>16½</u>

## SECOND YEAR.

First Term		Second Term		Third Term	
Agricultural Education 15.....	3	Agricultural Education 15.....	3	Agricultural Education 15.....	3
Agricultural Education 16.....	3	Agricultural Education 19.....	3	Agricultural Education 17.....	3
Agricultural Education 18.....	2	Botany 3.....	3	Agricultural Education 19.....	3
Agricultural Education 19.....	3	Geography 14.....	3	Botany 3.....	3
Botany 3.....	3	Manual Training 19.....	1	Geography 14.....	3
Geography 14.....	3	Manual Training 20.....	2	Manual Training 19.....	3
Manual Training 19.....	1	Sociology 3.....	3	School Administration 12.....	1
	<u>15½</u>		<u>15½</u>		<u>16½</u>

## ONE YEAR COURSES.

### A. COLLEGE GRADUATES; ELEMENTARY OR SECONDARY SCHOOL TEACHERS.

#### B. TOWNSHIP TEACHERS.

#### Entrance Requirements

Graduates of High Schools, teachers of experience, and those whose scholarship is considered a sufficient preparation for this work, will be admitted to this course.

#### Course of Study

First Term	Second Term	Third Term
Education n.....	3 Agricultural Education n.....	4 Agricultural Education n.....
English n.....	4 English n.....	3 Drawing n.....
Geography n.....	3 History n.....	4 English n.....
History n.....	4 Manual Training n.....	1 Manual Training n.....
Manual Training n.....	1 Mathematics n.....	3 Mathematics n.....
Mathematics n.....	3 Training n.....	4 Training n.....
Music n.....	1	4



## Description of Courses in the Normal College Offered in 1910-11

NOTES. 1.—Courses marked a. are given fall term; b., winter term; c., spring term. 2.—Unless otherwise stated, the number of recitations each week is the same as the number of hours credit. 3.—The number of hours credit each term for each course is printed in bold-face numbers at the end of the description of that course.

The attention of students is called to the Senate rule stated on page 63, relating to the election of courses continuing through more than a single term.

### AGRICULTURAL EDUCATION.

#### PROFESSOR DAVIS AND ASSISTANTS.

12.<sup>a c</sup> **Nature Study.**—Methods and aims of subject. Illustrations are selected with special reference to their availability and importance for instruction in elementary schools. The course will include study of pond life, common birds and insects of economic importance, fall and spring aspects of common trees, weeds, school gardens, etc.

Two lectures, one laboratory period. 3.

12.<sup>b</sup> **Physiology.**—Emphasis is placed upon important life-processes as related to intelligent care of the human body. Some attention is also given to school hygiene and sanitation. Illustrations are made by means of simple experiments such as a teacher in an elementary school may expect to have the pupil perform.

One lecture, two laboratory periods. 3.

13. **Household Biology.**—<sup>a</sup> Study of life-processes with particular reference to the human body.

<sup>b c</sup> Applied Biology dealing with bacteria, molds, yeasts, and other common organisms met with in daily life. 3.

14.<sup>a</sup> **Plant Propagation.**—Propagation and care of plants based on principles of physiology of plant growth. Noxious weeds. One lecture, three laboratory periods. 3.

14.<sup>b</sup> **Soil.**—Principles of soil fertility. One lecture, one laboratory period. 3.

14.<sup>c</sup> **Animal and Plant Improvement.**—Biological principles of animal and plant improvement. Laboratory study of field crops. Two lectures, one laboratory period. 3.

15.<sup>a</sup> **Enemies of Cultivated Plants.**—Common insects of economic importance; plant diseases; protective measures. One lecture, two laboratory periods. 3.

15.<sup>b</sup> **Animal Nutrition.**—Animal physiology with special reference to nutrition (rations and feeding). Two lectures, one laboratory period. 3.

15.<sup>c</sup> **Domestic Animals.**—Classification of domestic animals, history and development of various types; stock judging. Two lectures, one laboratory period. 3.

16.<sup>a</sup> **Forestry.**—Elementary study of forestry with practical work in University Forestry Substation. Two lectures, one laboratory period. 3.

17.<sup>c</sup> **Farm Mechanics.**—Application of physics to farm machinery. Three lecture periods. 3.  
Professor Culler.

18.<sup>a</sup> **School Methods.**—Organization and adaptation of various phases of agriculture in elementary and secondary schools. Three lecture periods. 2.

19.<sup>a b c</sup> **Rural Education.**—Seminar work on various problems and current practices in rural education. One evening bi-weekly throughout year. 1-3.

n.<sup>b</sup> **Physiology.**—See 12.<sup>b</sup> Three recitations, one laboratory period.

n.<sup>c</sup> **Elementary Agriculture.**—A brief survey of the most important general principles of the subject selected with reference to use in country schools. Three recitations, one laboratory period.

## DOMESTIC SCIENCE.

MISS ROSS AND ASSISTANT.

13.<sup>b c</sup> **Elementary Sewing.**—The fundamental principles of hand work and machine sewing, as illustrated in the making of simple garments. Fee, 50 cents per term. Students furnish most of the material which they use. One lecture, five hours sewing. 2.

14.<sup>a b c</sup> **Elementary Cookery.**—A systematic study of the principles and methods involved in the preparation of food. The composition, production, manufacture, and physiological value of the food stuffs of the world are considered. Fee, \$2 per term. One lecture, three hours laboratory. 2.

16.<sup>a b</sup> **Dressmaking and Millinery.**—The following topics are considered: The principles of dressmaking; the taking of accurate measurements; the making and use of patterns; the choosing and eco-

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nomical cutting of materials; the making of gowns; the construction and trimming of hats, beginning with the use of foundation materials. Fee, 50 cents per term. Students furnish most of the material which they use. Course 13 is a prerequisite. One lecture, five hours sewing, etc. 2.

17.<sup>a b c</sup> **Advanced Course in Foods.**—The following topics are considered: Advanced cookery, preservation of foods, preparation and serving of formal meals, invalid cookery, infant diet, school luncheons, etc. Fee, \$2 per term. Course 14 is a prerequisite. One lecture, three hours laboratory. 2.

18.<sup>a</sup> **Dietetics.**—This course treats of the relation of the composition of the body, its waste and repair, to the proportion and kind of food required and the composition of various typical foods, and introduces the student to the hypotheses formulated from current dietetic research. Course 14 is a prerequisite. Three lectures. 3.

19.<sup>c</sup> **Household Economics.**—The economic history of the household; the family income and its expenditure; marketing and the economical purchase and preservation of food. The principles of laundry work are taught through practical application. Fee, \$1. Courses 13 and 14 are prerequisite. Two lectures, three hours laboratory. 3.

20.<sup>a b c</sup> **Theory and Practice of Teaching Domestic Science.**

<sup>a</sup> (See Manual Training 20.<sup>a</sup>) 3.

<sup>b</sup> Methods of teaching and practice teaching



under critic teachers, planning lessons and courses, etc. One conference, one period practice teaching. 1.

<sup>c</sup> Continuation of <sup>b</sup>. One conference, two periods practice teaching. 2.

Only second year Domestic Science students may take this course.

### DRAWING.

PROFESSOR WHITCOMB.

MISS ROBINSON.

MR. PETRY.

11.<sup>a b c</sup> **Drawing and Handwork.**—A summary of the drawing taught in the public school; representation in form and in color; principles of free-hand and of design which belong to school problems.

The different forms of handwork which are used as illustrative material in connection with grade work are taken up; also the forms of handwork which answer the actual needs of school life. Two hours. 2-3. *Miss Robinson.*

12.<sup>b</sup> **Blackboard.**—Training in broad chalk and outline drawing. The practical every day needs of the teacher in the use of the blackboard are given a prominent place. Three hours. 1. *Miss Robinson.*

13.<sup>a b c</sup> **Elementary Freehand.**—The study of proportion, light and shade, perspective. The work is done in charcoal, pen and ink, and color from still life (see Sketch Class) and casts. Six hours drawing. 2. *Miss Robinson.*

**Sketch Class.**—This is a part of Course 13; however, it may be taken by students who are interested

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in cartoon and magazine illustration but who do not wish to enroll for the entire course. One hour. 1-3.

### 14.<sup>a b c</sup> Elementary Mechanical.

<sup>a</sup> Freehand sketching from models, freehand lettering, the making of simple working drawings, tracing and blue-printing.

<sup>b</sup> Orthographic projection, developments and intersections, isometric and oblique projections.

<sup>c</sup> Conventions, conic sections, the helix, gearing, wash drawing and brush work, structural work; the making of a complete set of complicated working drawings (assembly and detail).

The theory necessary to a thorough understanding of the above subjects is carefully considered.

The work of the first term gives a complete short course for those who wish only to be able to make and read simple working drawings.

Students furnish paper and rent or furnish instruments and text book; drawing boards are provided by the department.

One lecture and five hours study and drawing.

2. Professor *Whitcomb* and assistant.

16.<sup>a b c</sup> **Advanced Freehand.**—Continuation of the work of course 13, which is a prerequisite. Six hours drawing. 2. Miss *Robinson*.

17.<sup>a</sup> **History of Art.**—The history of art, beginning with the first century A. D. Text-book, "A Manual of the History of Art," by Reinach. Three lectures and recitations. 3. Miss *Robinson*.

18.<sup>b c</sup> **House Structure, Sanitation and Decora-**

tion.—The general principles of home construction; the situation and surroundings of the dwelling; soil drainage and slope; garden, walks and yard; relative value of building materials; the making of house plans and specifications; water supply, plumbing, sewers, garbage, heating, ventilation, sanitary cleaning; the application of principles of harmony in line, dark and light and color to design in architecture, construction and surface decoration. One lecture, three hours drawing, etc. 2. Professor *Whitcomb*, Miss *Robinson* and Miss *Ross*.

20.<sup>a b c</sup> **Theory and Practice of Teaching Drawing.**

<sup>a</sup> (See Manual Training 20.<sup>a</sup>) 3.

<sup>b</sup> Methods of teaching and practice teaching under critic teachers, planning lessons and courses, etc. One conference, two periods practice teaching. 2.

<sup>c</sup> Continuation of <sup>b</sup>. One conference, one period practice teaching. 1. Only second year drawing students may take this course. Miss *Robinson*.

<sup>n<sup>a</sup></sup> **Elementary Freehand and Blackboard.**—A brief course for the purpose of giving the student teacher the ability to use drawing in her school work. Three hours. Miss *Robinson*.

## EDUCATION.

PROFESSOR HECKERT.

11.<sup>a b</sup> **Psychology and the Principles of Teaching.**—A systematic course in elementary psychology is given as an introduction to the study of the

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principles of teaching. Those parts of the psychology which throw light on the teaching process are emphasized. The second part of the course is concerned with discussions of concrete applications of the psychological principles. In this connection students observe one-half day each week in the practice school. Each observation period is based on definite questions concerning such topics as capacities, apperception, habit formation, interests, reasoning, motor training, etc. Texts, Thorndike's Elements of Psychology, Thorndike's Principles of Teaching. 3.

11.<sup>c</sup> The principles of teaching applied to the problems of the recitation. A discussion of such problems as the necessity of a definite aim; characteristics of a good aim; selection and organization of materials in the light of the aim; nature of the questions to be used for most effective work; choice of the proper devices; the inductive and deductive development lesson; the text-book lesson; the study lesson; drill as an element in good teaching; teaching pupils how to study. The application of these principles in the preparation of lesson plans in the several branches of the elementary school illustrated. Text, *The Method of the Recitation*, McMurry. 3. Professor *Feeney*.

12.<sup>a b</sup> History and Principles of Education.—This course aims to secure a comprehension of the fundamental principles of education through a study of their concrete embodiment in historical systems. Emphasis is placed on the social nature



of education and the implications of this fact. The historical development of the various interpretations of the educational process, such as the humanistic, realistic, disciplinary, naturalistic, scientific, etc., are studied. Special attention is given to the psychological movement by studying Rousseau's *Emile*, Pestalozzi's *Leonard and Gertrude*, and Herbart's *Outlines of Educational Doctrine*. By means of individual assignments and reports, students are made acquainted with contemporary educational movements and literature. Text, Monroe's textbook in the *History of Education*. 3. Assistant Professor *Coleman*.

n<sup>a</sup> A brief survey of the elementary phases of Psychology with their interpretation in the educational process. Four hours.

### ENGLISH.

ASSISTANT PROFESSOR RICHARD.

#### 11.<sup>a b c</sup> Composition and Story Work.

<sup>a</sup> Composition and rhetoric will parallel the material and method of English 1<sup>a</sup>. One hour a week will be given to the consideration of folk-lore, myth and legend, epic, the ethical and inspirational value of classical stories, and to drill in the art of storytelling. 3.

<sup>b</sup> Historical Grammar. Early development of the grammar of the English language, supplemented by lectures and class discussions upon changes in construction and usage from the fourteenth century to the present time. 3.

<sup>c</sup> Study of English Literature, selection of ma-

terial for public school work, discussion of epochs and authors, discussion of the epic, dramatic, lyric, didactic, and pastoral elements in literature, and their relation to public school work. Theme writing, oral discussion of literary forms, analysis of masterpieces, study of character and incident, biographical sketches of authors. 3.

n<sup>a</sup> **A Review of the Principles of Grammar.**—Diagramming, frequent written tests, oral discussion, theme-writing. Four hours.

n<sup>b</sup> **A Survey of English Literature.**—Life and times of the chief writers, with a study of some masterpieces, and selection of literary material available for public school work. Three hours.

n<sup>c</sup> **A Survey of American Literature.**—A study of authors, discussion of places and periods of literary interest, selection of literary material to be used in connection with geography, history, and other lines of grade work in the public schools. Three hours.

## GEOGRAPHY.

PROFESSOR HOKE.

11.<sup>a</sup> **Home Geography.**—A field and laboratory course, consisting of a survey of Oxford and vicinity, and designed to bring to the experience of the student the fundamental facts of geography. 3.

11.<sup>b</sup> **Introduction to Regional Geography.**—A lecture and laboratory course. A study of relative position, climate, topography, and world relations in their broader features as a basis for the division of

the earth into great geographic provinces. 3.

11.<sup>c</sup> **Regional Geography of the United States.**—A discussion of the physical, social, and historical forces molding the characteristic features of the various sections of this country. 3.

n<sup>a</sup> **Review Geography.**—A rapid survey of the main geographic features of the earth. Designed mainly to help teachers who are preparing for examination. Three hours.

NOTE.—Geography n is repeated during the Teachers' Special Term, beginning May 8th and extending through the Summer Term.

## HISTORY.

ASSISTANT PROFESSOR COLEMAN.

11.<sup>a b c</sup> **American History.**

<sup>a</sup> The study of the development of the American institutions from their European origins to the close of the struggle between England and France for supremacy in America—1763. Special attention to be given to the European background and the growth of typical colonies. 3.

<sup>b</sup> The American Revolution, the Continental Congress and the formation and the weaknesses of the Articles of Confederation; the making of the constitution and the organization of the new government; the struggle for neutrality during the French Revolution and the War of 1812 to 1820. 3.

<sup>c</sup> The national growth; the development of the slavery question leading to the Civil War, and the reconstruction period. 3.

Hart's Essentials of American History is used as the basis for this course. Special reports and a

great deal of library work are required.

12.<sup>a</sup> **History Materials.**—(1) Study of life of primitive peoples, homes, food, clothing. (2) Study of life of pioneer people, emphasizing the early settlement of Oxford. To do this a study will be made of conditions of the East and of the Northwest Territory that brought about a migration from the former to the latter. 3. Professor *Logan*.

n<sup>a b</sup> **American History.**—The work is intended to cover the entire period of American History. Topics and material suitable for elementary schools will be considered. Four hours.

### MANUAL TRAINING.

PROFESSOR WHITCOMB.

MISS ROBINSON.

MR. PETRY.

12.<sup>a b c</sup> **Elementary Manual Training.**—Simple constructive designing, sketching, the making of working drawings, and the construction of a number of problems in wood. Considerable attention is paid to methods. The student gets an idea of the manual training work as done in the upper grades of the schools and the best methods to pursue to make it of most profit to the pupils. One conference and two hours drawing and shop work. 1. Professor *Whitcomb*.

13.<sup>a b c</sup> **Design and Handwork.**—This is a study of the principles of design with reference to the application to handwork for schools. Designs are made and applied to work in clay, paper-folding, card-board construction, weaving, stenciling, leather



tooling and simple forms of book-binding. Fee 50 cents per term. One conference, five hours drawing and handwork. 2. Miss *Robinson*.

14.<sup>b</sup>° **Woodworking.**

(1) From working drawings and blue prints a number of simple pieces of woodwork and furniture are made in the shop. The correct use of the proper tools is emphasized.

(2) By means of lectures, readings, drawings, and shop work the following topics are considered: The classification and evolution of tools, joints and the principles of joinery, forms of fastenings, wood finishing, structure, properties and seasoning of wood, the principal species of wood, the North American forest and forestry, the enemies of the forest, lumbering and saw-milling.

(3) Building construction.

(4) Shop methods and the care of the shop.

Drawing 14.<sup>a</sup> is prerequisite. Fee, \$1 per term. Students purchase a manual. One lecture, six hours shop work. 3. Professor *Whitcomb*.

15.<sup>a</sup><sup>b</sup>° **Woodturning and Use of Power Machines.**

<sup>a</sup><sup>b</sup> A study is made of the lathe, turning tools, methods of turning, and methods of finishing. The turning processes include turning between centers, face plate and chuck work. A variety of woods and finishes are used. The combination of lathe and bench work is introduced.

° Shop machines are used by the students, and their action explained and investigated. Power,



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shafting, and belting are also considered. Fee, 50 cents per term. One lecture and two hours turning. 1.

16.<sup>a</sup> **Special Problems.**—By means of lectures, readings, drawings, and shop work concrete problems, related to the following subjects, suitable for public schools, are considered: (1) knife work, (2) games, (3) bird houses, (4) kite making, (5) apparatus making, (6) bridge building, (7) prime movers, (8) house construction, (9) industries suitable for different grades.

This course suggests problems to supplement those given under course 14 for use in the elementary and high schools. Fee, \$1.

Course 14 and Drawing 14.<sup>a</sup> are prerequisite. One lecture, nine hours shop work. 4. Professor *Whitcomb*. Not given in 1910-11; given 1911-12.

17.<sup>a b c</sup> **Furniture Design and Construction.**—An advanced course. The principles of constructive design are studied. Designs for 25 or more problems in wood-work and furniture are made; working drawings and the construction of 6 or 8 of the problems follow. A study is made of the different styles of furniture. Caning, upholstering, simple carving, and metal work as decorations are included in this course. Fee, \$1 per term.

Course 14 and Drawing 14.<sup>a</sup> are prerequisite. Two lectures or conferences, nine hours drawing and shop work. <sup>a</sup> 4; <sup>b</sup> 2; <sup>c</sup> 2. Professor *Whitcomb*.

18.<sup>a b c</sup> **Sheet Metal Work.**—Venetian iron, sheet iron, copper, and brass are used. A number

of tools for use in the course are made by the student. Instruction in bent, pierced, riveted, and hammered work is given. Decoration by means of piercing, etching, chasing, embossing, and enameling is introduced. Fee, \$1 per term. One lecture, five hours shop work. 2. Professor *Whitcomb*.

20.<sup>a b c</sup> **Theory and Practice of Teaching Manual Training.**

<sup>a</sup> (1) The place of the manual arts (including domestic science) in education; relation to social life, to child nature and to the curriculum; history and development in Europe and the United States; the organization of the work in primary grades. (2) Equipment for primary handwork and drawing and for domestic science. (3) Lesson plans and observation.

<sup>b</sup> (1) Buildings, rooms, equipment, etc., for different kinds of manual training and drawing and to meet various school conditions. (2) Practice teaching under criticism.

<sup>c</sup> (1) Organization of manual training in upper grades and high schools; study of courses of instruction; trade and industrial schools. (2) Practice teaching under criticism. Three lectures or conferences, one or two periods observation or practice teaching. 3. Professor *Whitcomb* and Critic Teacher.

<sup>n a b c</sup> **Elementary Manual Training.**—A part of Manual Training 12 is given in this course. It is recommended that if possible the entire course (12) be taken. If this is done, and in a satisfactory man-

ner, three hours credit will be given.

### MATHEMATICS.

PROFESSOR FEENEY.

11.<sup>a b</sup> **History and Teaching of Elementary Mathematics.**—A brief history of the development and teaching of elementary mathematics with discussion of present practice, and of the proper place of arithmetic, algebra, and geometry in the elementary school, with particular reference to the upper grades. Papers and talks on assigned readings, discussions, examination of recent text-books. For Freshmen in the Regular Grade Teachers' Course of the Normal College. Texts, Smith's *The Teaching of Elementary Mathematics*, and McLellan and Dewey's *Psychology of Number*. Readings from Gow, Conant, Cajori, Brooks, Judd, etc. 3.

13.<sup>a</sup> **Trigonometry.**—The elements of trigonometry, with especial reference to surveying. For students in manual arts and rural industrial education. 3.

n<sup>a b c</sup> **Arithmetic.**—Complete survey of the subject of arithmetic, with special emphasis upon the business conditions under which arise problems in insurance, stocks, commission, etc.; study of the relations involved in the measurement of surfaces and solids, square and cube roots, solution of problems. Three hours.

### MUSIC.

DIRECTOR BURKE.

11.<sup>a b c</sup> **General Course in Music.**—Voice and ear training. Introductory work in scales, intervals

and triads. A study of elementary musical theory and form. Sight singing and choral interpretation. 2-3.

12.<sup>a b c</sup> **Music in the Elementary School.**—The broad and narrow view of educational music. Essentials of artistic expression. Detailed study of the process from the rote song to staff notation in the first six grades. Character of work in the seventh and eighth grades. Principles, methods and practical application of material. Course of study and correlation with other subjects of school curriculum. Farnsworth's *Education Through Music* and the *Melodic Music Readers* form a basis for the year's work. 2-3.

13.<sup>a b c</sup> **Introduction to Harmony.**—A course in which acquaintance may be made with the more usual harmonic and melodic progressions and the laws underlying them. Application of these principles to musical analysis and composition. Detailed study of intervals, triads and seventh chords to chords of the ninth. Emphasis is placed upon gaining a mental conception of the real sounds of the written symbols. Texts, Tapper's *Harmony* and Foote and Spalding's *Modern Harmony*. 3.

14.<sup>a b c</sup> **History and Criticism of Music.**—A detailed study of the history of the art from its earliest beginnings to the present time. A critical appreciation of the art is developed through a knowledge of the nature of the historic musical movements, and their relations to each other and to the general intellectual currents of their periods. Dickinson's



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Study of the History of Music and Surette and Mason's Appreciation of Music are used as a point of departure. Numerous works of the great composers are studied in order to show the development of forms and styles of the various composers and periods. 3.

15.<sup>a b c</sup> **Singing.**—A study of the fundamentals of good voice production. Development of taste and principles through various vocal exercises and art songs. Six hours practice at least are required each week. Definite progress must be made in order to receive credit for the course. 2.

16.<sup>a b c</sup> **Singing.**—Advanced course. Given under the same conditions as Music 15. 2.

17.<sup>a b c</sup> **Piano Music in the Schools.**—Interpretation of simple rhythmical and art pieces. Accompaniments. Critical study of music for the kindergarten and general school exercises. Six hours practice at least are required each week. Definite progress must be made in order to receive credit for the course. 2.

18.<sup>a b c</sup> **Piano Music in the Schools.**—The technic and interpretation of music from classic and modern composers. Given under the same conditions as Music 17. 2.

20.<sup>c</sup> **Theory and Practice of Teaching School Music.**—A discussion of the place of music in education. Its present position in the schools of America and Europe. Selection of material, development of lesson plans and presentation in actual school room instruction. 5.



21.<sup>a b</sup> **Choral Interpretation.**—A study of a number of the best choral works for women's voices. Attention is given more to the interpretative side of the art. Open only to members of the Madrigal Club. Total credit, 1.

n<sup>c</sup> **Elements of Music.**—A course designed for teachers of township schools. A review of the elements of music. Sight singing. Study of methods and material. Choral work. Three hours.

### **PUBLIC SPEAKING.**

PROFESSOR GATES.

12.<sup>c</sup> **Reading Course for Teachers.**—The study of the expression of the simplest styles of literature; narration, description, etc. Practice in the placing of power and spirit in every tone of the voice. The use of the teacher's voice in the school room. Stimulation of the imagination. 3.

### **SCHOOL ADMINISTRATION.**

PROFESSOR MINNICH.

12.<sup>c</sup> **School Organization and Management.**—A discussion of the values of studies, distribution of material, and economic adjustment of time as applied to the upper grades of the elementary schools. Selection of material, method of presentation. Relation of teacher to the pupils, to the corps, to the superintendent, to the patrons, to the State. Discipline and management of the school. 3.

### **TRAINING.**

FIRST FOUR GRADES.

PROFESSOR LOGAN, SUPERVISOR.

P11.<sup>c</sup> **Theory.**

The application of principles of education to the choice and arrangement of materials to serve as content in the Language, Reading and Number work of the primary grades. Discussion of special methods of presentation of these subjects, based on the study of general methods. Preparation and criticism of lesson plans, based on the principles of teaching and study of method. 3.

**P12. Theory.**

$\frac{1}{2}^a$  Continuation of P11.<sup>c</sup> with direct reference to class teaching. For students teaching in primary grades.

$\frac{1}{2}^a$  The application of principles of education to the choice and arrangement of materials to serve as content for subjects taught in primary grades. Discussion of special methods and preparation of lesson plans. First part of P11.<sup>c</sup>. For students who will teach in primary grades in the winter term. 2.

<sup>b</sup> Second half of P11.<sup>c</sup>. 2.

<sup>c</sup> Discussion of difficult phases of primary grade teaching. For students specializing in primary grade teaching. 1.

n<sup>b</sup> (1) **Theory.**—With the assistance of good texts, preferably those assigned by the O. T. R. C., discussions will be held concerning the materials and methods by which the aims of education are attained.

(2) **Practice.**—Observation in the Oxford Township Public Schools will be afforded to the members of the class. Four hours.

**UPPER GRADES**

PROFESSOR FEENEY, SUPERVISOR.

**U11.<sup>c</sup> Special Method.**—The application of the principles of education to the selection and arrangement of materials in history, geography and English for the upper grades. Readings, papers, reports, class discussions. 3.

**U12. Method for Upper Grades.**

$\frac{1}{2}^a$  Continuation of 11<sup>c</sup>, with direct reference to class teaching. For students teaching in the upper grades. Three hours recitation. One credit when taken with P12  $\frac{1}{2}^a$ .

$\frac{1}{2}^a$  **Special Method.**—The application of the principles of education to the selection and arrangement of materials in history for the upper grades. Readings, papers, reports, class discussions. For students who will teach in the upper grades during the winter term. Repetition of first part of 11<sup>c</sup>. Two hours recitation. One credit when taken with P12  $\frac{1}{2}^a$ .

<sup>b</sup> Continuation of above course with reference to English and geography. Repetition of latter part of U11.<sup>c</sup> 2

<sup>c</sup> **Special Method.**—The discussion of difficult phases of upper grade teaching. For students specializing in grades 5-8. 1.

<sup>n</sup> **School Organization.**—A discussion of some of the more prominent problems of the township school, including organization, daily program, relation of subjects, selection and use of material for instruction. Special attention will be given to unifica-

tion of work with a view to economy of time and energy. Four hours.

**Practice.**—Under Supervisor Feeney, students in this course will observe work in the Township Model School in the Oxford Township Public Schools. Such observation will form the basis of pedagogical discussions and conferences.

#### **Practice Teaching in Primary and Upper Grades.**

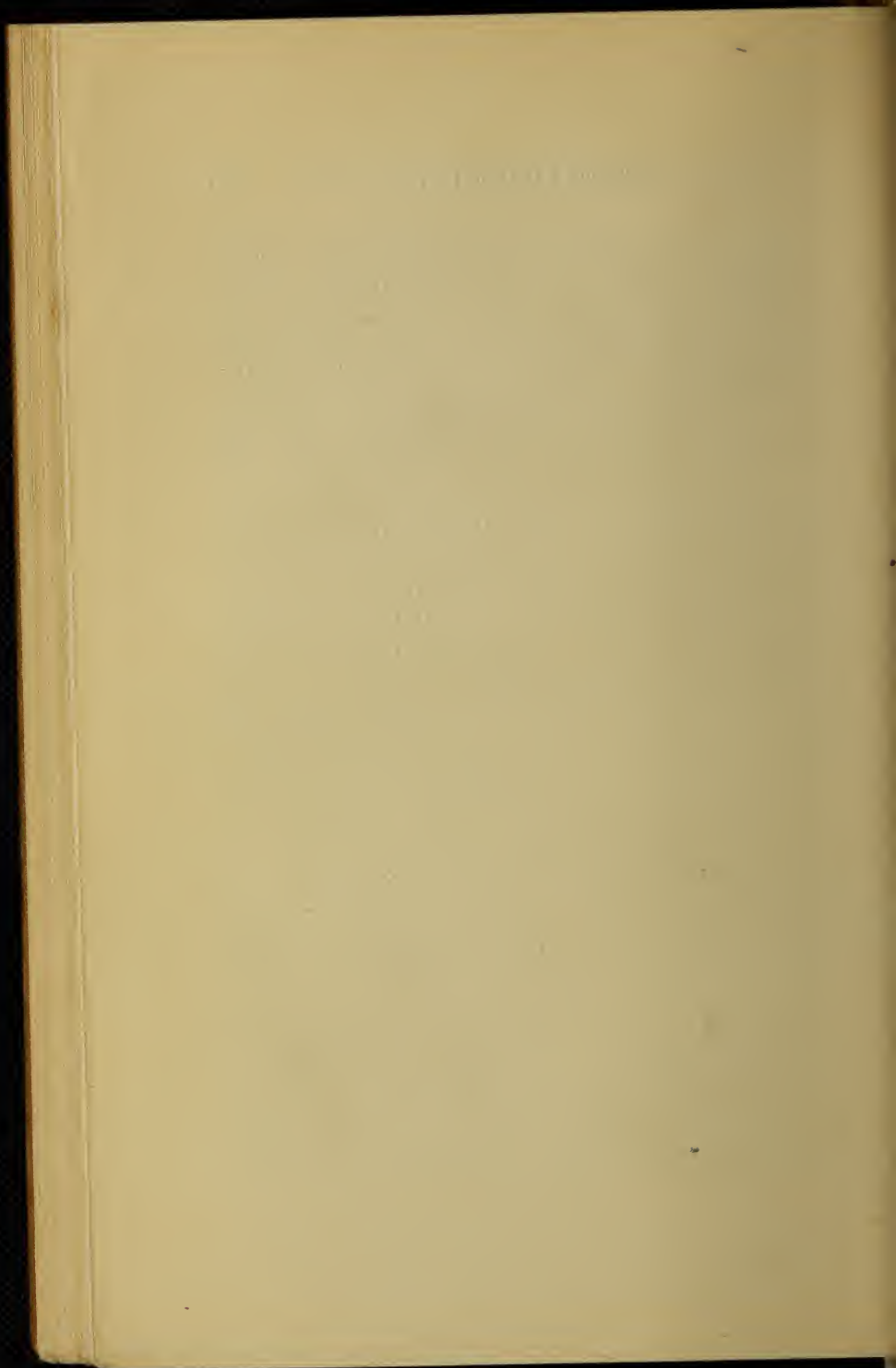
Students prepare series of lessons and teach them in the practice schools. This work is organized on two fundamental principles: (1) That the students must not fail in their practice teaching through any lack of preparation, and (2) that the development of right ideals and methods of teaching, and making them the permanent possession of the student teachers demand that the practice teaching be carried on under careful supervision and criticism, and that it extend over a considerable period of time. With these ends in view the courses in history, geography and English are offered in the first year. They will give the necessary academic preparation. For the same reason the courses in psychology, the principles of teaching, the method of the recitation, the history and teaching of mathematics, and the special method in the common school subjects are given during the first year. They will furnish the necessary professional preparation. While the students are studying the principles of teaching they are required to observe the teaching of critic teachers. In this manner they obtain a more comprehensive view of the meaning of these principles and also



come to know the class room situation. Finally, students are taught to plan lessons and are required to teach one or two of them to small groups of children in the presence of other student teachers and the supervisor. These lessons are then discussed.

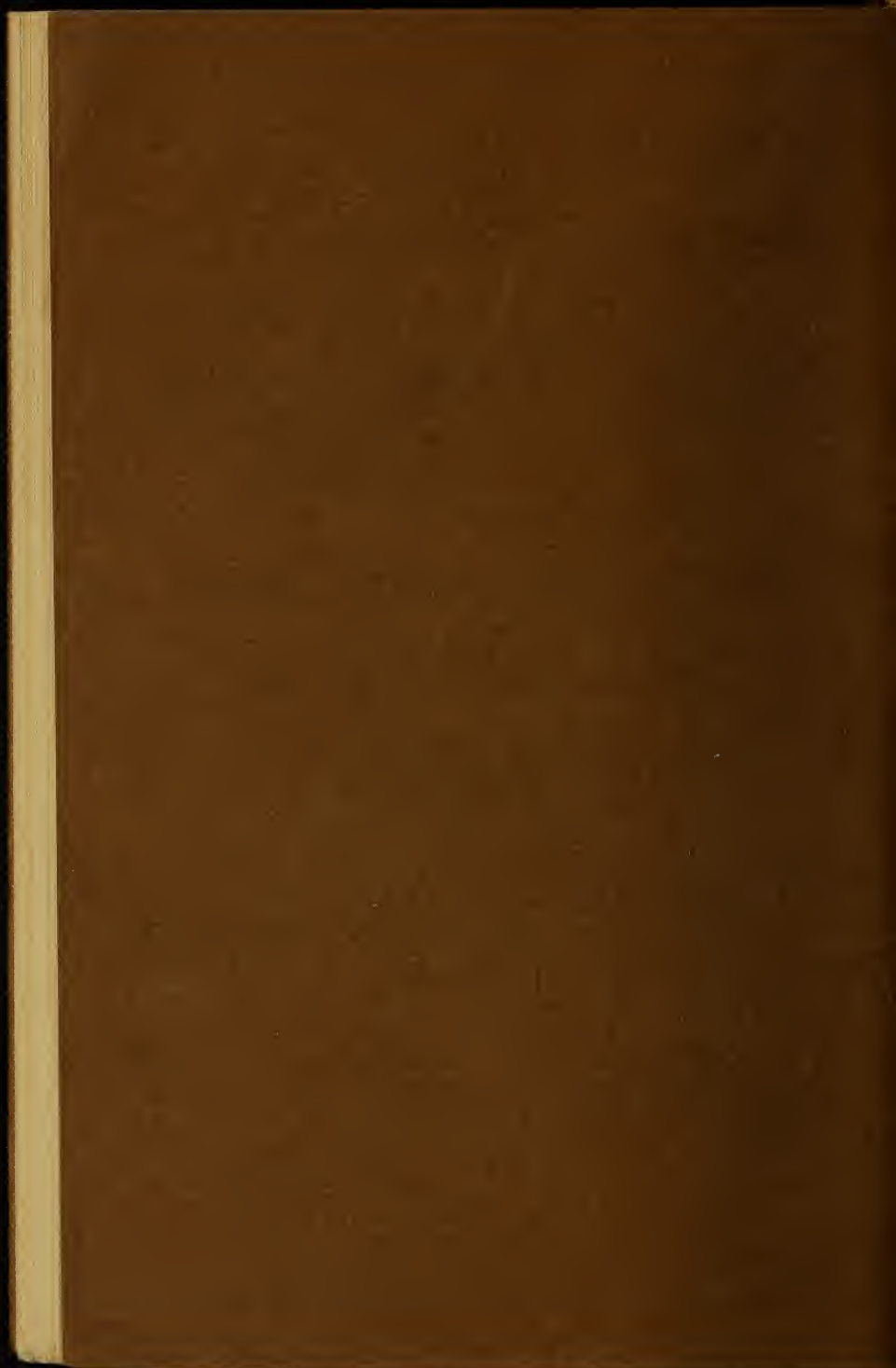
Continuous teaching of about one-half hour daily begins in the fall term of the sophomore year and extends throughout the year. During this time student teachers are under the immediate direction of the critic teachers, to whom they are responsible for both the preparation and the actual teaching of the lessons. During the entire year, however, student teachers who require more care than the critic teachers are able to give them will be in charge of the supervisors. Total credit, 9.





UNIVERSITY OF ILLINOIS

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PRESIDENT'S OFFICE



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1911/12

MIAMI UNIVERSITY BULLETIN  
Series X, No. 6 - - - - March, 9

# Ohio State Normal College of Miami University

1911-1912

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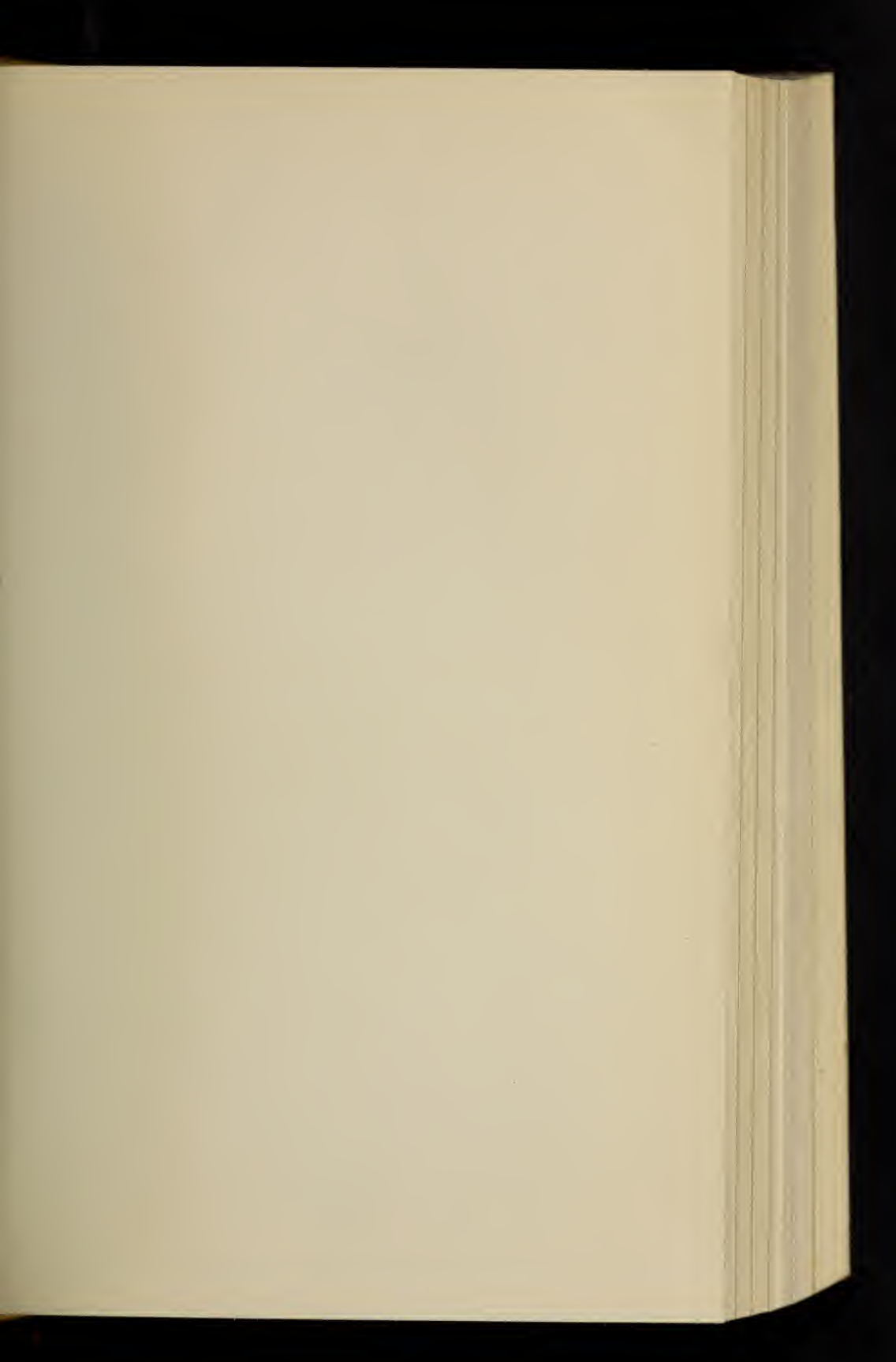
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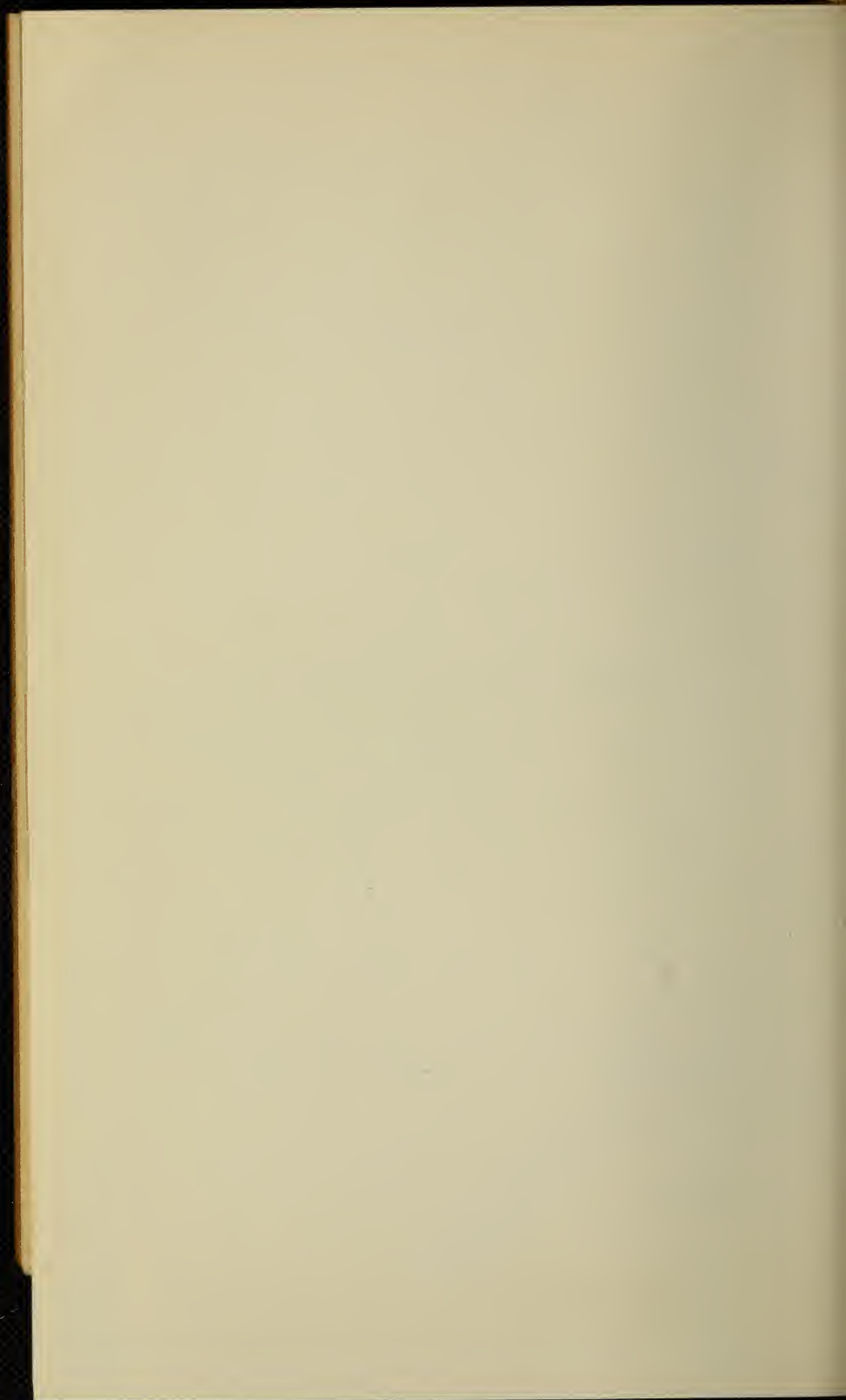
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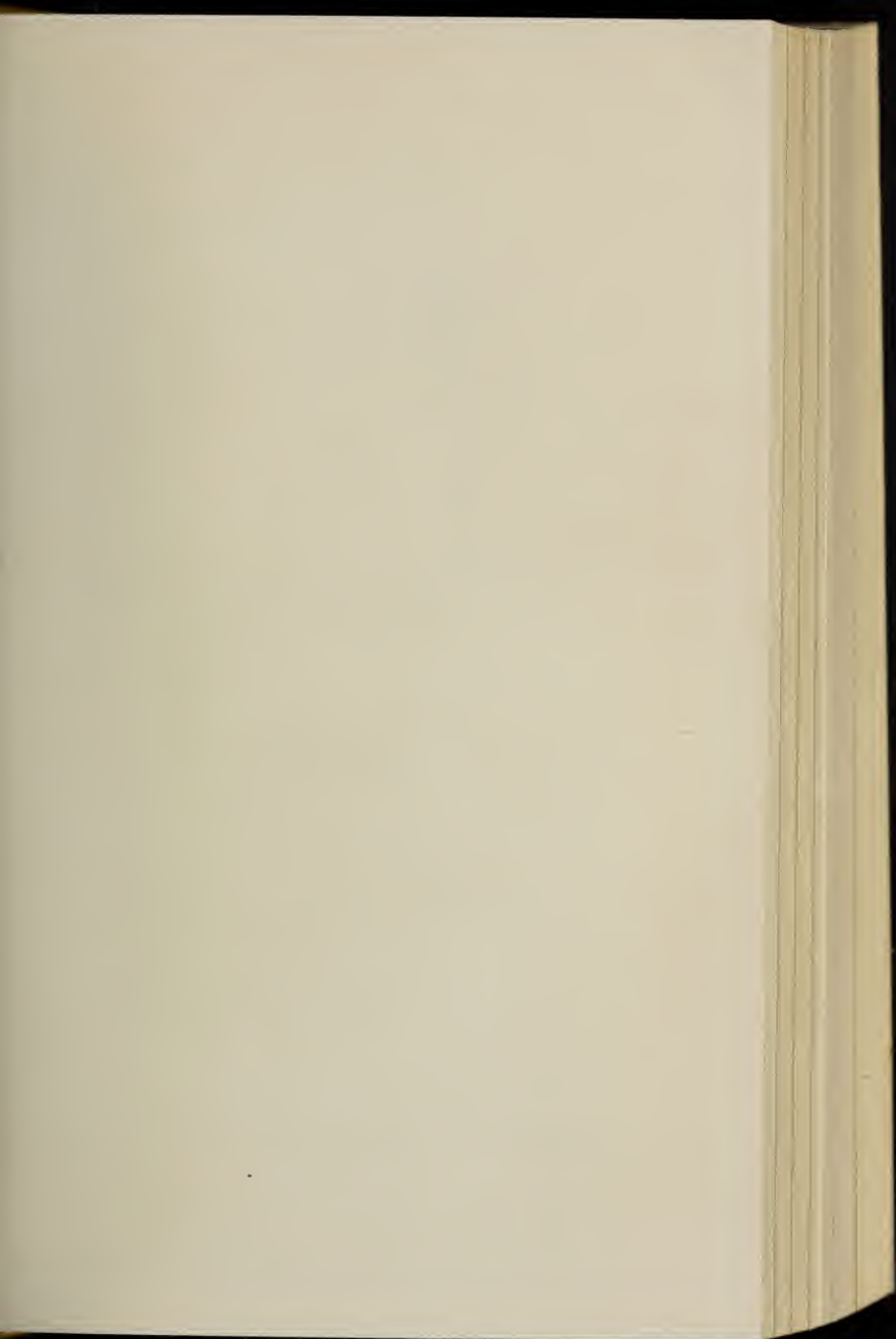


## Miami University Bulletin

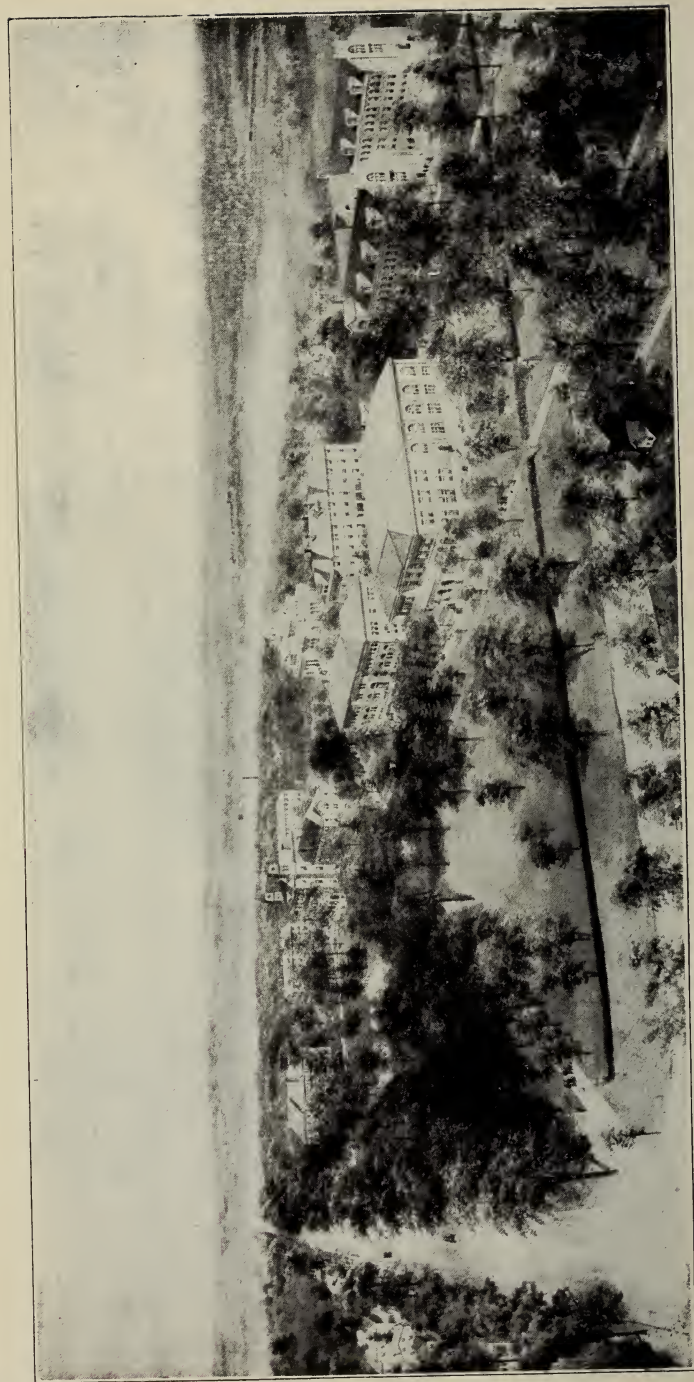
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BIRD'S EYE VIEW OF MIAMI UNIVERSITY

OHIO STATE NORMAL COLLEGE  
OF MIAMI UNIVERSITY

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Announcements for 1912-13

Oxford, Ohio  
Published by the University  
March, 1912

1912

## JANUARY

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## University Calendar

1911-1912

1911

- Sept. 19 Tue. Entrance examinations and registration  
Sept. 20 Wed. Formal opening of the academic year 1911-1912, 10:30 A. M.  
Sept. 21 Thu. Class work begins  
Sept. 24 Sun. First University Service  
Oct. 15 Sun. Second University Service  
Nov. 19 Sun. Third University Service  
Nov. 22 Wed. Second examinations  
Nov. 29 Wed. Thanksgiving Recess from noon to Dec. 4, Mon., 10:30 A. M.  
Dec. 15 Fri. Madrigal Club Concert  
Dec. 17 Sun. Fourth University Service  
Dec. 22 Fri. Christmas Recess from Fri. noon to Jan. 3, Wed., 10:30 A. M.

1912

- Jan. 3 Wed. Class work resumed, 11 A. M.  
Jan. 21 Sun. Fifth University Service  
Jan. 25 Thu. Day of Prayer for Colleges  
Jan. 27 Sat. Semester examinations begin  
Feb. 5 Mon. Second semester begins, 7:30 A. M.  
Feb. 9 Fri. Intercollegiate Debate  
Feb. 18 Sun. Sixth University Service  
Feb. 22 Thu. Washington's Birthday: a Holiday  
Mar. 15 Fri. Mid-Year Play  
Mar. 17 Sun. Seventh University Service  
Mar. 22 Fri. Spring Recess from Fri. noon to April 1, inclusive  
April 12 Fri. Glee Club Concert  
April 21 Sun. Eighth University Service  
May 17 Fri. Arion Choir Concert  
May 17 Fri. Ohio-Indiana Oratorical League Contest  
May 19 Sun. Ninth University Service  
May 30 Thu. Memorial Day: a Holiday  
June 1 Sat. Final examinations begin  
June 9 Sun. Baccalaureate Sermon, 10:30 A. M.  
June 9 Sun. Sermon before the Christian Associations, 7:30 P. M.  
June 10 Mon. Reunion of Normal College Alumni, 4:00 P. M.  
June 10 Mon. Annual Play of Sophomore Normal Class, 7:30 P. M.  
June 11 Tue. Class Day, College of Liberal Arts, 10:00 A. M.  
June 11 Tue. Annual Meeting of Board of Trustees, 10:00 A. M.  
June 11 Tue. Normal College Commencement, 2:30 P. M.  
June 11 Tue. Annual Play of Senior Liberal Arts Class, 7:30 P. M.  
June 12 Wed. Alumni Luncheon and Business Meeting, 12:00 M.  
June 12 Wed. Annual Meeting of the Phi Beta Kappa Society, 3:00 P. M.



- June 12 Wed. Annual Banquet of the Phi Beta Kappa Society, 5:00 P. M.  
 June 12 Wed. Class Reunions, 5:00 P. M.  
 June 12 Wed. Address before the Phi Beta Kappa Society, 7:30 P. M.  
 June 12 Wed. Literary Society Reunions, 7:30 P. M.  
 June 12 Wed. Fraternity and other Society Reunions, 9:00 P. M.  
 June 13 Thu. ANNUAL COMMENCEMENT, 10:30 A. M.  
 June 13 Thu. President's Reception, 2:00 P. M.  
 June 17 Mon. Summer term begins  
 July 26 Fri. Summer term ends, 12:00 M.

## 1912-1913

## 1912

- Sept. 17 Tue. Entrance examinations and registration  
 Sept. 18 Wed. Formal opening of the academic year 1912-1913, 10:30 A. M.  
 Sept. 19 Thu. Class work begins  
 Sept. 22 Sun. First University Service  
 Oct. 20 Sun. Second University Service  
 Nov. 17 Sun. Third University Service  
 Nov. 20 Wed. Second examinations  
 Nov. 27 Wed. Thanksgiving Recess from noon to Dec. 2, Mon., 10:30 A. M.  
 Dec. 15 Sun. Fourth University Service.  
 Dec. 20 Fri. Christmas Recess from noon to Jan. 2, inclusive

## 1913

- Jan. 3 Fri. Class work resumed, 7:30 A. M.  
 Jan. 19 Sun. Fifth University Service  
 Jan. 23 Thu. Day of Prayer for Colleges  
 Jan. 22 Wed. Semester examinations begin  
 Feb. 4 Tue. Second semester begins  
 Feb. 16 Sun. Sixth University Service  
 Feb. 22 Sat. Washington's Birthday: a Holiday  
 Mar. 16 Sun. Seventh University Service  
 Apr. 3 Thu. Easter Recess from Thurs. noon to April 7, inclusive  
 April 20 Sun. Eighth University Service  
 May 16 Fri. Ohio-Indiana Oratorical League Contest  
 May 18 Sun. Ninth University Service  
 May 30 Fri. Memorial Day: a Holiday  
 June 7 Sat. Final examinations begin  
 June 15 Sun. Baccalaureate Sermon, 10:30 A. M.  
 June 17 Tue. Annual Meeting of the Board of Trustees  
 June 18 Wed. Annual Meetings of the Phi Beta Kappa Society  
 June 19 Thu. ANNUAL COMMENCEMENT  
 June 23 Mon. Summer term begins  
 Aug. 1 Fri. Summer term ends

## 1913-1914

- Sept. 16 Tue. Academic year 1913-1914 begins

Educational Staff

RAYMOND MOLLYNEAUX HUGHES, M. S.,.....112 East Walnut Street  
*Acting President*

A. B., Miami University, 1893; M. S., Ohio State University, 1897. Professor of Chemistry, Miami University, 1898-. Acting President, 1911-.

\*EDGAR EWING BRANDON, Univ. D.....201 East Church Street  
*Vice-President*

A. B., University of Michigan, 1888; A. M., University of Missouri, 1897; Docteur d' Universite, University of Paris, 1904. Professor of Romanic Languages and Literatures, Miami University, 1898-. Vice-President, 1908-.

HARVEY C. MINNICH, A. M., Ped. D.....206 South Campus Avenue  
*Dean of the Ohio State Normal College and Professor of School Administration*

A. B., Ohio Northern University, 1897; A. M., Ohio Wesleyan University, 1908; Ped. D., Ohio Northern University, 1906. Dean of the Ohio State Normal College of Miami University, and Professor of School Administration, 1903-.

ELIZABETH HAMILTON, A. B.,.....Hepburn Hall  
*Dean of Women*

A. B., Oxford College, 1895. Dean of Women and Assistant Professor of Greek, Miami University, 1905-.

\*ANNA ELIZABETH LOGAN, A. M.....119 East Walnut Stree  
*Supervisor of Primary Grades and Professor of Method*

A. M., Miami University, 1906. Supervisor of Primary Grades and Professor of Method, Miami University, 1902-.

THOMAS LYTLE FEENEY, A. M.....115 West Walnut Street  
*Professor of Special Method*

A. M., Bethany College, 1902. Professor of Special Method, Miami University, 1902-.

GEORGE WILSON HOKE, Ph. M.....The Tallawanda  
*Professor of Geography*

A. B., Butler College, 1895; Ph. B., University of Chicago, 1898; Ph. M., 1901. Professor of Geography, Miami University, 1902-.

\*On leave of absence, 1911-1912.

FRED CAMPBELL WHITCOMB, B. S.....310 East Church Street  
*Professor of Manual Arts*

B. S., Franklin College, 1900; Manual Training diploma,  
 Teachers' College, Columbia University, 1904. Professor  
 of Manual Arts, Miami University. 1906-.

BENJAMIN MARSHALL DAVIS, Ph. D.....The Tallawanda  
*Professor of Agricultural Education*

B. S., Butler College, 1890; M. S., 1892; Ph. D., University  
 of California, 1906. Professor of Agricultural Education,  
 Miami University, 1907-.

ARTHUR LOREN GATES, A. M.....110 University Avenue  
*Professor of Public Speaking*

A. B., Northwestern University, 1903; A. M., Columbia  
 University, 1910. Professor of Public Speaking, Miami  
 University, 1905-.

SAMUEL JACOB BRANDENBURG, Ph. M.....430 East Church Street  
*Librarian*

A. B., Miami University, 1904; Ph. M., University of Chi-  
 cago, 1909. Librarian, Miami University, 1909-.

JOHN WAGNER HECKERT, A. M.....402 East Church Street  
*Professor of Education and Director of the William McGuffey Schools*

Ph. B., Hamline University, 1900; A. M., Columbia Uni-  
 versity, 1905. Professor of Education and Director of the  
 William McGuffey Schools, Miami University, 1909-.

CLARENCE EDWIN CARTER, Ph. D.....221 East Church Street  
*Professor of History*

A. B., Illinois College, 1905; A. M., University of Wiscon-  
 sin, 1906; Ph. D., University of Illinois, 1908. Professor of  
 History, Miami University, 1910-.

FRANCES GIBSON RICHARD, A. M.....The Tallawanda  
*Associate Professor of English*

A. B., National Normal University, 1891; A. M., 1893.  
 Associate Professor of English, Miami University, 1907-.

RAYMOND HUGH BURKE, B. S.....The Tallawanda  
*Director and Associate Professor of Music*

B. S., University of Chicago, 1906. Director and Associate  
 Professor of Music, Miami University, 1908-.



- LENA ROSS..... 112 South Campus Avenue  
*Assistant Professor of Domestic Science*  
Graduate of Pratt Institute, 1909. Assistant Professor of  
Domestic Science, Miami University, 1909-.
- ETHELWYN MILLER, A. B..... The Tallawanda  
*Assistant Professor of Art*  
A. B., Franklin College, 1894; B. S., Columbia University,  
1906. Assistant Professor of Art, Miami University, 1910-.
- JAMES MICHAEL O'GORMAN, A. M..... 221 East Church Street  
*Assistant Professor of Education*  
Graduate of Normal College, Oswego, N. Y., 1906; B. S.,  
Columbia University, 1909; A. M., 1910. Assistant Profes-  
sor of Education, Miami University, 1911-.
- 
- MRS. FREDERICK W. STONE. .... 308 East Church Street  
*Instructor in Physical Education*
- GERTRUDE DAVIDSON..... The Tallawanda  
*Instructor in Drawing and Manual Training.*  
Graduate in Art, Columbia University, 1910.
- MRS. NELLIE L. NOBLE..... 117 East Church Street  
*Instructor in Domestic Science*  
Graduate of Ohio State Normal College, 1909.
- MARY BUSHNELL, B. Mus..... 216 East Church Street  
*Instructor in Music*  
Oberlin Conservatory of Music.
- SARA NORRIS, A. B..... Delta Zeta House  
*Instructor in Piano*  
A. B., Oxford College.
- 
- JOHN W. SCHWARZ, A. B..... 305 South Main Street  
*Principal of the William McGuffey Schools*  
A. B., Miami University, 1908.
- A. S. MATHEWS, M. Di., A. B..... 123 West Walnut Street  
*Instructor in Sciences, William McGuffey Schools*  
M. Di., Iowa State Teachers' College, 1906; A. B., 1907.
- VERA VAN BUSKIRK, A. B..... 216 East Church Street  
*Instructor in German in the William McGuffey Schools*  
A. B., Indiana University, 1908.
- FRANCES RAGLAND, A. B..... New Cottage  
*Critic Teacher*  
A. B., Miami University, 1908.



- BLANCHE McDILL, B. S.....314 North College Avenue  
*Critic Teacher*  
 B. S., Oxford College, 1899; graduate of Ohio State Normal College,  
 1910.
- MARY DARRELL FINCH, A. B.....117 East Walnut Street  
*Critic Teacher*  
 A. B., Miami University, 1907.
- ELEANOR TROXELL.....216 East Church Street  
*Critic Teacher*  
 Graduate of DeKalb, Illinois, Normal School, 1904.
- ALICE FREDERICA RAMSEY.....The Tallawanda  
*Kindergarten Teacher*  
 Graduate of Cincinnati Kindergarten Training School.

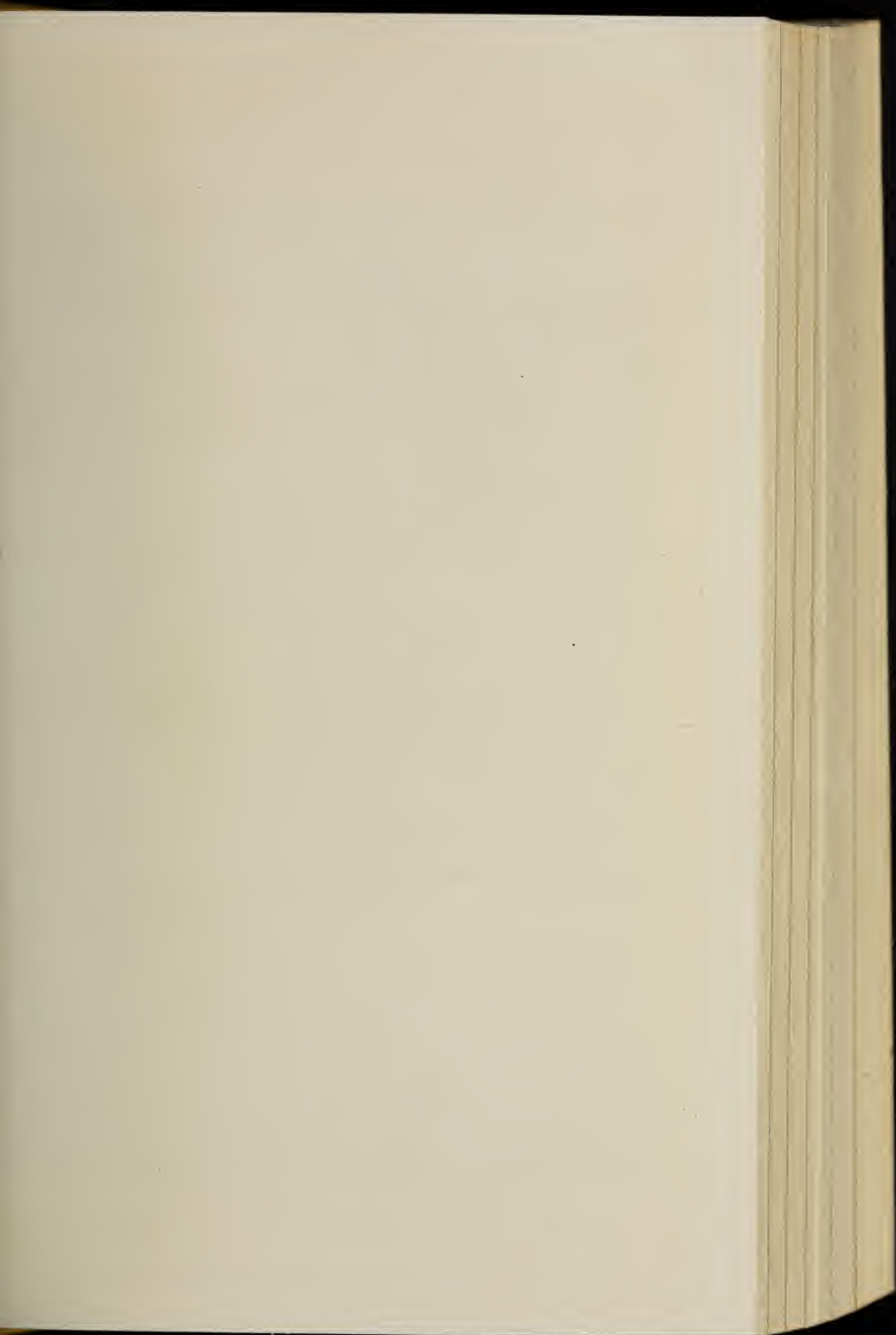
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### Student Assistants

- HAROLD EDWARD NEAVE.....Delta Kappa Epsilon House  
*Assistant in German*
- IDA AUGUSTA REINHART.....Pi Delta Kappa House  
*Assistant in Agriculture*
- WARREN LEE RICHEY.....309 South Main Street  
*Assistant in Agriculture*
- FOREST TOBIAS SELBY.....115 South Main Street  
*Assistant in Manual Training*
- AVA FLORINE SWEITZER.....Hepburn Hall  
*Assistant in Latin*
- DOROTHY IDA UNDERHILL.....Pi Delta Kappa House  
*Assistant in Drawing*
- JAMES LISLE WINELAND.....310 East Church Street  
*Assistant in Manual Training*

### Library Staff

- SAMUEL JACOB BRANDENBURG, Ph. M.....430 East Church Street  
*Librarian*
- WILLIAM JASPER MCSURELY, D. D.....100 South Campus Avenue  
*Librarian, Emeritus*
- AGNES BOUTON COOPER, A. B.....224 East Church Street  
*Assistant Librarian*





MORNING MAIL FROM TEACHERS AND PROSPECTIVE STUDENTS



MARIE ALICE HAMMOND, A. B.....	2 West Church Street
<i>Assistant Librarian</i>	
FLORENCE E. DUNTON, A. B.....	120 East Race Street
<i>Assistant Librarian</i>	
JOHN O'HERRON.....	Phrenocon House
<i>Stenographer</i>	
JAMES WESLEY MORRIS.....	Phi Alpha Psi House
<i>Student Assistant</i>	
NELLIE J. STAFFORD.....	Hepburn Hall
<i>Student Assistant</i>	
DONALD M. WRIGHT.....	307 South Dormitory
<i>Student Assistant</i>	
DELLA M. HARVEY.....	Hepburn Hall
<i>Student Assistant</i>	

### Additional Officers

JULIA ROGERS BISHOP.....	400 East High Street
<i>Registrar</i>	
GEORGE ANDERSON MCSURLEY.....	19 East Walnut Street
<i>Treasurer</i>	
GEORGE SPENCER BISHOP, A.B.....	122 South Campus Avenue
<i>Secretary of the Board of Trustees and Business Director</i>	
GEORGE BENJAMIN WOODS, Ph. D.....	120 East Race Street
<i>Director and Editor of University Publications</i>	
WALLACE PATTISON ROUDEBUSH, A. B.....	Rosemoor
<i>Secretary to the President</i>	
CLARENCE EDWIN CARTER, Ph. D.....	221 East Church Street
<i>Secretary of the Faculty</i>	
BERT SURENE BARTLOW, A. B.....	Hamilton, Ohio
<i>Alumni Secretary and Field Agent</i>	
FRANK PHILIP ZERFASS, A. B., M. D.....	214 North Campus Avenue
<i>Medical Director</i>	
MARIE MARSHALL.....	302 South Main Street
<i>Executive Clerk</i>	
MAYE MORRIS, B. L.....	122 North College Avenue
<i>Assistant to the Business Director</i>	



ANNA M. CONWAY.....	209 North Campus Avenue
<i>Secretary to the Dean of the Normal College</i>	
MRS. CORA WARREN TUDOR.....	Hepburn Hall
<i>Matron</i>	
CHARLES J. ELLS.....	425 East Spring Street
<i>Superintendent of Buildings and Grounds</i>	
JOHN DEVINE.....	19 South Poplar Street
<i>Chief Engineer</i>	

### Committee of Class Advisers

Professor J. W. Heckert.....	Class of 1912
Assistant Professor Miller.....	Class of 1912
Professor G. W. Hoke.....	Class of 1913
Professor B. M. Davis.....	Class of 1913
Professor F. C. Whitcomb.....	Manual Arts
Assistant Professor Ross.....	Manual Arts

### Standing Committees of the Faculty

1. ENTRANCE CREDITS AND ADVANCED STANDING.—Feeney, Whitcomb  
Hoke, Richard; Associate,—Schwarz.
2. COURSE OF STUDY AND STANDING OF STUDENTS.—Heckert, Davis,  
Feeney, Whitcomb, Carter, O'Gorman; Associate,—Raglan, Finch,  
Matthews.
3. SOCIETIES AND STUDENT ORGANIZATIONS.—Ross, Miller, Burke,  
Stone; Associate,—Schwarz, Raglan, Finch.
4. ENTERTAINMENT AND PUBLIC EXERCISES.—Burke, Miller, Bushnell,  
Richard, Davidson, Noble; Associate,—McDill, Ramsey.
5. CONDUCT AND PHYSICAL EDUCATION.—Hoke, Davis, Ross, Stone;  
Associate,—McDill, Troxell, Matthews.
6. LIBRARY, PUBLICATIONS, AND TEACHERS' ASSOCIATIONS.—Whit-  
comb, Davis, Hoke; Associate,—Van Buskirk.
7. FACULTY DISCUSSIONS.—Davis, Hoke, Miller, Burke, Carter.

## The Normal College

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THE OHIO STATE NORMAL COLLEGE of Miami University was established in 1902, after a long period of agitation and discussion on the part of various educational organizations.

As early as 1817, Governor Worthington recommended state schools for the training of teachers. Teachers' associations and educational bodies of Ohio passed resolutions in favor of state Normal schools at almost every meeting. The State Teachers' Association agreed to make an annual contribution to maintain a Normal school provided that the State would appropriate a stipulated sum annually. The State commissioners of common schools made the recommendation for state Normal schools a perpetual paragraph in their reports to the Governor, for fifty years, but Ohio had many colleges and two private Normal schools which were supplying the teachers for the schools, and the Legislature was slow to assume this important duty for the State.

Commissioner Bonebrake made the establishment of Normal schools the feature of his administration. His first bill, providing for four Normal schools, was defeated; but on March 12, 1902, the Assembly provided: "That there be and are hereby created two Normal Schools", one to be located "in connection with Miami University at Oxford" which Normal School "shall be coördinate with existing courses in said University, and shall be maintained in such state of efficiency as to provide proper theoretical and practical training for *all students desiring to prepare themselves for the work of teaching.*"

In September, 1902, the Board of Trustees of the University admitted students to the courses of study established in accordance with the provisions of the act. The school is entitled The Ohio State Normal College of Miami University, and is organized to furnish the public schools of the State with efficient teaching staffs, and to promote the interests of public education.

## Grounds, Buildings, and Equipment

THE grounds, buildings, and Equipment of Miami University are used by the Normal College. The University campus, on which all of the University buildings are situated has an area of sixty-five acres. Because of the high elevation, an excellent view of surrounding picturesque hills and valleys is afforded.

### Buildings

THE MAIN BUILDING is the oldest building on the campus. Part of it was erected in 1824, but it recently has been fitted up with all modern improvements. It is 250 feet long and three stories high. The Normal College classes in domestic science, drawing, English, history, manual training, and public speaking meet in this building.

DORMITORIES FOR MEN. There are two dormitories for men, North Dormitory erected in 1825, and South Dormitory erected in 1836. Both buildings have been thoroughly renovated in recent years and North Dormitory has just been refinished throughout. They are lighted by electricity, heated with steam, and are provided with bath rooms having hot and cold water. Competent janitor service is provided by the University. These dormitories afford most convenient and desirable rooming places for men students in Oxford.

BRICE SCIENCE HALL was erected in 1892, largely through the generosity of the late United States Senator, Calvin Stewart Brice, LL. D., of the Class of 1863. This building is two stories in height with basement throughout, and is well adapted for use in scientific study. In 1905, it was enlarged and has now three times its original capacity. Normal College classes in geography meet in this building.

HERRON GYMNASIUM was built in 1897. It is amply provided with lockers, showers, and dressing rooms for both men and women. The entire second floor is for indoor athletics and phys-





THE FERRY MFG. CO.  
COLUMBUS, O.

NEW HALL, READY FOR OCCUPANCY, SEPTEMBER, 1912





ical education for which it especially has been adapted and equipped.

THE ADMINISTRATION BUILDING was erected in 1907. The southern half contains the Auditorium, which has a seating capacity of 1250. The stage is supplied with suitable scenery and with a pipe organ. On one side of the large entrance lobby on the first floor is the Christian Association chapel; on the other side are reception rooms, a ticket office, and committee rooms for the various student activities. The second floor has a large central lobby surrounding which are the administrative offices.

THE CENTRAL HEATING AND LIGHTING PLANT, at some distance removed from the other University buildings, was completed in the spring of 1907. Its capacity was increased in 1909 to meet the demands created by the erection of new buildings. All University buildings are adequately supplied with light and heat from this plant.

DORMITORIES FOR WOMEN. Two dormitories for women students of the University recently have been erected: Hepburn Hall in 1905, and New Hall in 1911. Hepburn Hall has rooms for ninety-six women and boarding facilities for one hundred and thirty. It was named in honor of Andrew Dousa Hepburn, now Professor emeritus of English, who served the University with distinction for thirty years. The building is modern in all its appointments. One-half of the rooms are allotted to the young women of the College of Liberal Arts and the other half to the young women of the Normal College. Students are given rooms in order of application. New Hall has rooms for one hundred and four. Besides these halls, additional quarters for women have been provided in several cottages established under University patronage. The accommodations and cost are the same as for residence in the halls. These cottages all face the campus and their occupants come to Hepburn Hall for board.

THE ALUMNI LIBRARY, the gift of Mr. Andrew Carnegie in coöperation with the alumni, former students, and friends of the University, was completed in 1909. Its construction is fire-proof throughout. It is centrally located on the campus just south of Main Building. The reading rooms, stacks, and seminar rooms are conveniently arranged. The library contains about 35,000 volumes and pamphlets.



THE NORMAL COLLEGE BUILDING, the South Pavilion of which was erected in 1909, is especially designed for professional work and training. It illustrates the best modern schoolhouse construction, arrangement, heating and ventilation. Its equipment is entirely modern. The work of the department of agriculture and of the William McGuffey practice schools is carried on in this building.

### Athletic Grounds

THE MIAMI ATHLETIC FIELD is only a few minutes' walk from the Gymnasium. It is really a part of the campus. It comprises a football field, a baseball diamond, a quarter-mile running track, and pits for pole vaulting and jumping.

THE TENNIS COURTS, seven in number, are all on the campus. The women students of the Normal College have the use of three of these courts.

THE HOCKEY GROUND, for women students, is laid out near the Library.

### Laboratories and Apparatus

AGRICULTURE AND NATURE STUDY. The department of agriculture and nature study is equipped with particular reference to training teachers to give instruction in these subjects in elementary and secondary schools. In addition to three well-appointed laboratories, a green-house, and a large school garden, there are several plots for experimental work in plant-breeding, in fertilization, and in practical forestry,—about forty acres in all.

The department maintains, also, a quail-run for experimentation in the problem of preventing the extermination of quail.

DOMESTIC SCIENCE. The laboratory of the department of domestic science is on the third floor of the Main Building. The equipment represents what the teacher of domestic science in the public schools may reasonably expect to have to work with. In cookery, each student's working outfit consists of a table, a two-burner stove, and a locker containing all necessary utensils. The

laboratory is provided with kitchen ranges, refrigerator, store rooms, and the usual dining-room furniture. The serving room is furnished with convenient and attractive tables, with lockers, and with the best make of sewing machines.

**GEOGRAPHY.** The laboratory of the department of geography is on the second floor of Brice Hall. It will accommodate twenty-four students. The lecture-room will accommodate one hundred. The department has a commodious office and a dark-room, both opening into the laboratory. The equipment consists of a large collection of maps, relief models, photographs, pictures, and lantern slides.

**MANUAL TRAINING AND DRAWING.** The manual training rooms are on the first floor and in the basement of the east wing of the Main Building. The drawing rooms are located on the first and third floors of the Main Building.

The woodworking shop is provided with twenty large and modern double benches, each with its tool cabinet and drawer for students' work. All of the general tools needed are included in this equipment. A gasoline engine furnishes power for the following woodworking machines: turning lathes, combination rip and cross cut saws, jointer, and planer. For the metal working courses, forges, anvils, vises, hammers, and other small tools are provided. A large pottery kiln recently has been installed, making possible the most important use of clay in the schools. Both the mechanical and freehand drawing rooms are well equipped with tables, easels, stools, boards, instruments, and models.

## The Library

**THE UNIVERSITY LIBRARY** contains about 35,000 volumes; the libraries of the two literary societies for men contain about 1500 volumes. The new card catalogue will cover the entire collection of books and pamphlets. For the maintenance and enlargement of the library, the State legislature makes a liberal appropriation annually. The library is particularly rich in American political history and in the records of the United States and of the State of Ohio. During the past year the University has been placed under obligation to alumni and others for several valuable gifts.



Students may draw from the library three volumes at a time, and these may be kept two weeks unless specially restricted. Unless there is other demand, books may be renewed. Persons not members of the University are allowed to take books from the library at the discretion of the Librarian.

The book stacks are not open to the students in general or to the public; but cards of admission may be given by the Librarian on recommendation of an officer of instruction.

The library is open every week day when the University is in session, from 7:30 a. m. to 9:30 p. m. The reading rooms are open for general reading also on Sunday afternoons between 2:30 and 5:30, save on the day on which occurs the monthly University Service. During vacations the library is open from 8:00 to 12:00 a. m. and from 1:00 to 5:00 p. m. except on Saturday afternoons and legal holidays.

### The William McGuffey Schools

The William McGuffey Schools, having rooms in the Normal Building, are established to illustrate the best modern school organization and method of instruction. They comprise the kindergarten and twelve years of elementary and secondary school, six years for elementary education and six years for secondary or high school education. Regular critic teachers have charge of the pupils under the direction of the Principal and of the Director.

These schools serve as model and experimental schools and are used for practice by the student teachers. In this way, the practice and observation are amid real school conditions. All the problems of the public schools must be met and solved in the course of each student's term of practice. The practice schools include all the grades of the elementary schools, a kindergarten, and special class instruction in domestic science, drawing, manual training, and music.

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### Fees and Expenses

**N**O charge for tuition is made in any of the courses. An incidental fee of \$7.50, payable at the beginning of each semester, is required of each student in the Normal College. *No deduction or rebate is granted from payments made for a semester on account of late entrance, subsequent absences, or withdrawal.*







HEPBURN HALL

## Board and Lodging

The University Commons, the dining hall for men, and Hepburn Hall, for women, are located on the campus. Both are directed by competent University officials and are conducted without the idea of profit and for the purpose of providing good wholesome food at the lowest possible cost. The dining rooms are commodious, neat, and attractive; the service is excellent. Board at the University Commons is furnished for \$2.50 a week, payable in advance.

Meals may be had in private boarding houses at \$3.00 to \$4.00 a week. For several years, coöperative clubs have furnished board for somewhat less than \$3.00. Furnished rooms with board may be had at \$4.00 to \$5.00 a week. In general, it may be stated that the cost of living in Oxford is very moderate. In every case, more depends upon the student's habits and tastes than upon the village, and legitimate expenditures readily may be brought within \$250 for expenses of every kind during the collegiate year. A considerable number find their total expenses not more than \$200, and there are students who go through the college year for less.

The rooms in the dormitories for men are of two sizes, the smaller ones renting for \$22.50 and the larger, arranged for two men, for \$45.00 a semester, payable at the beginning of each semester. This charge includes heat, light, and janitor service. The rooms are completely furnished with the exception of sheets, pillow-cases, curtains, and towels, which the student must provide for himself.

In the dormitories for women, two students are assigned to a room, and the price charged is \$3.75 a week each. This charge includes board, room, light, heat, and all necessary service. Rooms are furnished with the exception of sheets, pillow-cases, curtains, and towels, all of which the students must provide for themselves. The Dormitory is equipped with a modern laundry where women students, if they choose, may do their own laundry work. For the summer term, the charges are \$3.25 a week for each student. The hall is cared for by a competent housekeeper. The Dean of Women presides over the interests of all the young women students living in or out of the dormitories and cottages, and all women students are subject to her authority.



The expenses which are directly connected with the Normal College are, therefore, as follows:

Incidental fee, a semester.....	\$ 7 50
Laboratory fees, for whole year.....	\$ 6 00 to \$ 10 00
Rent of room for men in the dormitories, a semester .....	\$ 22 50
Board at University commons, a week.....	\$ 2 50
Board and room for women in dormitories or in the cottages, a week.....	\$ 3 75

NOTE 1. A fee of \$1.00 is required of all students who register after the regular date for registration.

NOTE 2. A fee of \$1.00 is required of all students who take second or special examinations. No fee is required for entrance examinations.

## Courses of Study

THE courses of study offered by the Normal College are the following:

I. Two year courses leading to the State Normal diploma for the following teachers:

- A. Regular grade teachers.
- B. Special teachers of manual training.
- C. Special teachers of public school drawing.
- D. Special teachers of public school music.
- E. Special teachers of domestic science.
- F. Special teachers of rural industrial education.

Arrangements have been made whereby students desiring to prepare in public school music and public school drawing, may combine courses C and D in such a way as to complete the combination course in two years and receive a diploma.

II. One year course for holders of a Bachelor's degree who desire to take professional preparation for either elementary or secondary school teaching.

III. One year course for students who desire to fit themselves in one year for the rural school positions. The first year of course A, with special work in agriculture and nature study is well adapted to this purpose.

## Graduation

The Normal College diploma is conferred only upon those students who possess the capacities and the physical and moral qualities necessary to make efficient and progressive teachers; who earnestly and consistently endeavor to prepare themselves for teaching; who give satisfactory evidence of skill in teaching; and who complete one of the two-year courses of study specified for the Normal College. This involves the satisfactory completion of sixty-four semester hours of undergraduate work.

Holders of the State Normal diploma for regular grade teachers are admitted as juniors to the courses of the College of Liberal Arts leading to the degree of Bachelor of Arts; provided that the fifteen units required for entrance to the Liberal Arts College have been satisfied.

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## Requirements for Admission

**S**TUDENTS may enter the Normal College during the year 1912-13 under either the old or the new entrance requirements. Both are here given in detail.

Candidates for admission must be possessed of good health, good moral character, a serious attitude toward teaching, and the scholastic attainments required for entrance to the course selected.

### Old Entrance Requirements

In conformity to the requirements of the Hawkins certification providing for four-year state certificates and life certificates to the graduates of the Ohio State Normal College, students entering the freshman class are required to present (1) a diploma from a first grade high school, or (2) fifteen entrance units as described below, a unit being considered as a course of study covering a school year of not less than thirty-six weeks, with five recitation periods a week of at least forty minutes each.

Students presenting a diploma from a first grade high school who are deficient in any required units must make up these units before graduation.

The following nine units are required:

English.....	3	Physics or chemistry, with labor-	
History.....	1	atory work.....	1
Algebra to quadratics.....	1	Latin, Greek, French, or German	2
Plane geometry.....	1		

The six additional units must be selected from the following

Algebra through progressions..	½	Civics .....	½
Beginners' Latin.....	1	Medieval or modern history...	½
Cæsar .....	1	Chemistry or physics with	
Cicero's Orations.....	1	laboratory work.....	1
Virgil .....	1	Botany, zoölogy, or biology	
Elementary French.....	1	with laboratory work .....	1
Second year French.....	1	Physiography .....	½
Elementary German.....	1	Physiology.....	½
Second year German.....	1	Solid geometry .....	½
Greek and Roman history....	½	Manual training.....	½ or 1
U. S. history.....	½	Drawing.....	½ or 1
Elementary agriculture...½ or	1		

Note 1. Physics is required for entrance to the course leading to the manual training diploma, the domestic science diploma, and the rural industrial education diploma.

Note 2. Musical ability and some technical skill with voice and piano are required for entrance to the course in music.

Experienced teachers holding a good grade of certificate who give evidence of ability to do the work, may enter the freshman class, but must satisfy the entrance requirements before graduation.

Students entering with deficiencies in entrance requirements may, by special permission of the faculty, upon exhibiting exceptional ability, satisfy such deficiencies by carrying additional work during the second semester of the freshman year, and, if necessary, additional work in the sophomore year. It is strongly recommended, however, that deficiencies in entrance credit be made up as far as possible during the summer term.

## New Entrance Requirements

(Chicago Plan)

Students entering the freshman class under the new requirements are required, as under the old plan, to present fifteen units of entrance credit, a unit being considered as a course of study covering a school year of not less than thirty-six weeks, with five



recitation periods a week of at least forty minutes each. But instead of a considerable number of specific subjects in which the student must have been prepared, being designated, emphasis is put upon a certain amount of concentrated and continuous work selected by the student or by the high school from among the standard academic subjects taught in all schools. Ten units are selected in this manner. Among these must be three units of English and in addition one principal group of three or more units, and at least one secondary group of two or more units. These additional groups may be selected from among the following subjects:

1. Ancient languages (Greek and Latin), it being understood that to make a group of two or of three units the work must be offered in a single language.

2. Modern languages other than English; to make a group of two or of three units the work must be offered in a single language as under group 1.

3. Ancient history, mediaeval and modern history, English history, United States history, civics, economics.

4. Mathematics.

5. Physics, chemistry, botany, zoölogy, general biology, physiology, physiography, general astronomy.

In group 5 not less than one unit may be offered in either physics or chemistry. Any combination of the subjects within each group is permitted.

Of the fifteen units offered for entrance, at least seven must be selected from the subjects in groups 1 to 5. The remaining five units may be selected from any subjects for which credit toward graduation is given by the approved school from which the student receives his diploma; but Greek, Latin, French, German, (or any language other than English), mathematics, physics, and chemistry, if offered, but not as above under 1 and 5, must each consist of at least one unit.

#### SUMMARY OF ENTRANCE REQUIREMENTS

3 units of English.

3 or more units in a single group, 1-5.

2 or more units in another single group, 1-5.



2 units in subjects selected from any of the groups 1-5.

(Total 10 units in English and groups 1-5.)

5 units selected from any subjects accepted by an approved school for its diploma.

#### ADVANTAGES OF THE "CHICAGO PLAN"

The necessity for retaining the definite requirement of three units in English is apparent to all concerned. Seven of the remaining units are taken from time-honored subjects, thus preserving what the past has shown to be valuable; the high school has, however, the opportunity to select within this range such as it is best prepared to give. In the remaining five entrance units, local conditions and interests and the natural desire to make more direct preparation for earning a living receive consideration. Thus the balance between the best of the old and the desired new is kept and the interests of the high school and of the college are preserved.

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### Organizations

THE YOUNG MEN'S CHRISTIAN ASSOCIATION is an effective agency in promoting religious ideals and knowledge among the men of the University. Besides the regular devotional services the Association conducts Bible and Mission study classes for men. A considerable number of men is enrolled in these classes each year.

THE YOUNG WOMEN'S CHRISTIAN ASSOCIATION also does effective work. Its devotional meetings and Bible and Mission most study classes are largely attended and its influence for good among the young women is very marked.

Both Associations lay much stress on sound religious knowledge. Some of the Bible classes are taught by professors. Representatives from the Associations attend the annual Summer Conference of Christian workers and the quadrennial Convention of the Student Volunteer movement.

The Associations contribute also to the social life of the University, especially at the opening of the year. No other student organizations have a wider field of usefulness.

THE PIERIAN LITERARY SOCIETY was founded in 1902, and the Thalian Society in 1910, by the young women of the Normal College. They hold weekly meetings and present programs that are especially adapted to the interests of the Normal students.

THE DRAMATIC CLUB is formed each year by competitive examination, and works under the direction of the Director of Public Speaking. It affords excellent training in public speaking, and each year presents a drama sometime during the second semester. In 1910-11, *The Admirable Crichton*, by J. M. Barrie, was presented; in 1911-12, *Quality Street*, by the same author.

THE MADRIGAL CLUB is a musical organization made up of the best women's voices in the University. The Director of Music is the leader of the organization. Regular rehearsals are required. A public concert is given during the winter of each year.

THE ARION CHOIR is composed of one hundred and fifty voices. Its purpose is to perform the larger choral works, such as cantatas and oratorios. An annual concert is given in May of each year. In 1911-12, *The Odysseus*, by Max Bruch, will be given.

THE WOMEN'S ATHLETIC ASSOCIATION is made up of the women of the University. It is under the direction of the Dean of Women, the Professor of Physical Education, and the Physical Instructor for young women. The fee for membership is \$2.50.

The regular members of the association are admitted without extra fee to all athletic contests given under the auspices of the University.

THE MANUAL ARTS Club meets twice a month on Monday evenings. Active membership is limited to those who are enrolled in one of the two year courses of the manual arts department. The primary purpose of the Club is to consider problems in the fields of manual training, drawing, and domestic science; occasional social meetings are also held.

## Miscellaneous Information

### Terms and Vacations

THE college year is divided into semesters. The first semester for the college year 1912-13 begins at 10:30 a. m. on Wednesday, September 18, and continues until the first Saturday in February. The second semester begins on the following Monday and lasts to Commencement.

The Thanksgiving recess lasts from Wed. noon, Nov 27, until 10:30 a. m. on Mon., Dec. 2nd.

The Christmas recess lasts from Fri. noon, Dec. 20, 1912, until 7:30 a. m. on Fri., Jan. 3, 1913.

The Easter recess begins with April 3, 1913, and ends April 7th.

Washington's Birthday is observed as a holiday.

A summer session of six weeks is held each year, beginning on the Tuesday after Commencement. The session of 1912 will continue eleven weeks.

### Physical Education

All freshmen in the Normal College are required to take two hours of exercise each week under the immediate instruction of the director of the gymnasium. For this work, each student receives a credit of one hour a semester.

### The Employment Bureau

The Normal College maintains a bureau for the recommendation of its students to teaching or other positions. This service is rendered without charge and is extended to those seeking initial positions and to those already located who are worthy of promotion to better places. A large number of students are served in this way every year.

### University Services

Special religious services are held in the University Auditorium on the afternoon of the third Sunday of each month, at two-thirty o'clock. At these services, a sermon is preached usually by some clergyman from outside of town.



The University preachers for the college year 1911-1912 are the following:

The Reverend Frederick W. Hinitt, Ph. D., President of Central University, Danville, Kentucky.

The Reverend Charles D. Williams, D.D., LL. D., Bishop of Michigan, Detroit, Michigan.

The Reverend Eugene A. Noble, D. D., LL. D., President of Dickinson College, Carlisle, Pennsylvania.

The Reverend John A. Marquis, D. D., President of Coe College, Cedar Rapids, Iowa.

The Reverend William Oxley Thompson, D. D., LL. D., President of Ohio State University Columbus, Ohio.

The Reverend William Frazer McDowell, D. D., LL. D., Bishop of the Methodist Episcopal Church, Chicago, Illinois.

The Reverend Elmer Ellsworth Powell, Ph. D., Professor of Philosophy, Miami University, Oxford, Ohio.

The Reverend Washington Gladden, D. D., LL. D., Pastor of the First Congregational Church, Columbus, Ohio.

The Reverend E. D. Warfield, D. D., LL. D., President of Lafayette College, Easton, Pennsylvania.

### Special Lectures and Entertainments

During each college year, a number of special lectures and entertainments are given at the University. These are of varied nature to suit the individual tastes of as large a public as possible. Some of the entertainments are given under the auspices of the Union Lyceum Committee, composed of representatives from the Village of Oxford, The Western College for Women, The Oxford College for Women, and Miami University. Other entertainments are given under the auspices of the various departments of the University.

The list of lectures and entertainments given from February, 1911, to February 1912, includes the following:

Miss Ellen Terry, London, England. Dramatic reading.

The New York Symphony Orchestra. Concert.

Professor Frank McMurry, Columbia University. Lecture—  
"Elementary Education."



*The Admirable Crichton*—Barrie. Mid-year Play.

*Richelieu*—Bulwer-Lytton. Senior Liberal Arts Play.

*Sister Beatrice*—Maeterlinck. Sophomore Normal Play.

Mr. Cecil Fanning, Baritone. Recital.

Professor Edgar Stillman-Kelley, Composer, assisted by Mrs. Edgar Stillman-Kelley. Recital.

Colonel George Shields. Lecture—"Conservation of Game."

Miss Rheta Childe Dorr, Hampton Magazine Staff. Lecture—"Woman Welfare."

Professor Charles A. Judd, The University of Chicago. Lecture—"Practical and Cultural Education."

The Honorable M.P. Shawkey, Superintendent of Instruction, West Virginia. Lecture—"Centralized Boards for Control of State Institutions."

Mr. William George. Lecture—"The George Jr. Republic."

Mr. Eugene Laurant. Magic and Sleight-of-hand.

Miss Florence Smith. Play Carnival.

Miss Florence Richard. Temperance Lecture.

The Coburn Players. Three performances—*Macbeth*, *Much Ado About Nothing*, and *The Taming of the Shrew*.

Mr. David Bispham, Baritone. Recital.

Mr. David Snedden, Commissioner of Education for Massachusetts. Lecture—"Industrial Education."

Professor John W. Cox, The University of West Virginia. Lecture—"The Function of Nature as Viewed by the Poets in the Scheme of Education."

Mr. Alexander Lochwitzky. Lecture—"The Life of an Exile."

The Miami University Madrigal Club. Concert.

The Miami University Glee Club. Concert.

Professor Charles Knapp, Columbia University. Two lectures—"The Roman Theatre" and "The Business Life of the Romans."

The Reverend U. G. B. Pierce, Chaplain of the State United Senate. Lecture—"Power."

## Extension Work for the Public Schools

THE Normal College desires to be of the greatest possible service to the public schools of the State, and has arranged for extension work as follows:

### Visits of Professors

Upon application, the Normal College will send a professor to visit the schools; to advise with teachers as to the best methods of conducting the work in special subjects, suggesting equipment and laboratory exercises; to conduct round-table conferences with groups of teachers; and to deliver lectures to teachers, pupils, and patrons. During the past year a number of such visits were made, and the schools visited were very cordial in their acknowledgment of the benefits received.

The following departments are prepared to make these visits:

Education	Agricultural Education
Methods	Nature Study
Elementary Mathematics	Music
Geography	Drawing
History	Manual Training
English	

Sometimes these visits can be arranged without cost to the schools visited, but usually the expenses are to be borne by them.

Schools desiring such visits should write to the Dean.

### Lending Lantern Slides and Laboratory Material

The Normal College is prepared to lend to schools sets of lantern slides upon school improvement, geography, nature study, travel, etc.; also to furnish specimens for nature study, such as seeds, cocoons, rocks, etc.

In all such cases the school making the request will pay transportation.

Schools desiring such slides, specimens, etc., should address Teachers' Aid Bureau, Ohio State Normal College, Oxford, Ohio.

A copy of the *Miami University Bulletin* of January, 1911, containing a list of all slides and specimens available, will be sent upon request.

## Conspectus of Two Year Courses

### A. Regular Grade Teachers

#### FIRST YEAR

FIRST SEMESTER		SECOND SEMESTER	
Drawing III.....	1	Drawing III.....	1
Education III.....	3	Education III.....	3
English III.....	3	English III.....	3
Geography III.....	3	Geography III.....	3
History III.....	3	History III.....	3
Mathematics III.....	3	Mathematics III.....	3
Music III.....	$\frac{2}{3}$	Music III.....	$\frac{2}{3}$
Physical Education.....	$\frac{2}{3}$	Physical Education.....	$\frac{2}{3}$
	$17\frac{1}{3}$		$17\frac{1}{3}$

#### SECOND YEAR

FIRST SEMESTER		SECOND SEMESTER	
{ Agricultural Education }		{ Agricultural Education }	
{ Nature Study }		{ Nature Study }	
{ Physiology II2 }	3	{ Physiology }	3
Education II2.....	4	Education II2.....	4
Manual Training II2.....	1	Manual Training II2....	1
Music II2.....	$\frac{2}{3}$	Music II2.....	$\frac{2}{3}$
Public Speaking II2.....	2	Public Speaking II2....	2
School Administration II2	2	School Administration II2	2
Sociology.....		Sociology.....	
Teaching II2.....	3	Teaching II2.....	3
Training II2.....	3	Training II2.....	3
	$14\frac{2}{3}$		$14\frac{2}{3}$

### B. Special Teachers of Manual Training

#### FIRST YEAR

FIRST SEMESTER		SECOND SEMESTER	
Drawing II3.....	1	Drawing II3.....	1
Drawing II4.....	2	Drawing II4.....	2
Drawing II8.....	1	Drawing II8.....	1
Education III.....	3	Education III.....	3
English III.....	3	English III.....	3
Manual Training II3.....	2	Manual Training II3....	2
Manual Training II4.....	2	Manual Training II4....	2
Manual Training II5.....	2	Manual Training II5....	2
	16		16





THE INTREPID  
COLUMBUS





THE CLASS OF 1912

SECOND YEAR

FIRST SEMESTER		SECOND SEMESTER	
Drawing 119.....	2	Drawing 119.....	2
Drawing 122.....	2	Drawing 123.....	1
Drawing 123.....	1	Manual Training 116.....	2
Education 115.....	2	Manual Training 117.....	3
Manual Training 117.....	3	Manual Training 118.....	1
Manual Training 118.....	1	Manual Training 119.....	2
Manual Training 119.....	2	Manual Training 120.....	3
Manual Training 120.....	3	School Administration 112	2
<hr/>		<hr/>	
16		16	

C. Special Teachers of Public School Drawing

FIRST YEAR

FIRST SEMESTER		SECOND SEMESTER	
Drawing 113.....	1	Drawing 113.....	1
Drawing 114.....	2	Drawing 114.....	2
Drawing 115.....	3	Drawing 115.....	3
Drawing 117.....	1	Drawing 117.....	1
Education 111.....	3	Education 111 .....	3
English 111. ....	3	English 111.....	3
Manual Training 113.....	2	Manual Training 113....	2
Manual Training 114.....	2	<hr/>	
<hr/>		15	
17			

SECOND YEAR

FIRST SEMESTER		SECOND SEMESTER	
Drawing 116.....	1	Domestic Science 115....	2
Drawing 120.....	3	Drawing 116.....	1
Drawing 121.....	3	Drawing 120 .....	3
Drawing 122.....	2	Drawing 121.....	3
Drawing 123 .....	1	Drawing 123.....	1
Education 115.....	2	Manual Training 118....	1
Manual Training 118....	1	Music 114 . . . . .	3
Public Speaking 112....	2	School Administration 112	2
<hr/>		<hr/>	
15		16	



## D. Special Teachers of Public School Music

## FIRST YEAR

FIRST SEMESTER		SECOND SEMESTER	
Music III	2 $\frac{1}{3}$	Music III	2 $\frac{1}{3}$
Music II2	2	Music II2	2
Music II5	2	Music II5	2
Music II7	2	Music II7	2
Education III	3	Education III	3
English III	3	English III	3
Drawing III	1	Drawing III	1
Physical Education	$\frac{2}{3}$	Physical Education	$\frac{2}{3}$
	<hr/> 16		<hr/> 16

## SECOND YEAR

FIRST SEMESTER		SECOND SEMESTER	
Music II3	3	Music II3	3
Music II4	3	Music II4	3
Music II6	2	Music II6	2
Music II8	2	Music II8	2
Music I20	3	Music I20	3
Drawing II7	1	Drawing II7	1
Education II5	2	School Administration II2	2
	<hr/> 16		<hr/> 16

NOTE: No special fees are charged for any of the music courses. The following rental fees for the use of instruments, however, are required:

Piano: \$3.00 a semester, one hour each day.

Pipe organ: \$7.50 a semester, one hour each day.

Extra hours *pro rata*.

## E. Special Teachers of Domestic Science

## FIRST YEAR

FIRST SEMESTER		SECOND SEMESTER	
Agricultural Education II3	2	Chemistry I	3
Chemistry I	3	Domestic Science II3	2
Domestic Science II4	2	Domestic Science II4	2
Domestic Science II5	2	Drawing II8	1
Drawing II8	1	Education III	3
Education III	3	English III	3
English III	3	Physical Education	$\frac{2}{3}$
Physical Education	$\frac{1}{3}$		<hr/> 14 $\frac{2}{3}$
	<hr/> 16 $\frac{1}{3}$		

SECOND YEAR

FIRST SEMESTER		SECOND SEMESTER	
Chemistry 6.....	4	Agricultural Education 113	4
Domestic Science 116....	2	Domestic Science 116.....	2
Domestic Science 117.....	2	Domestic Science 117.....	2
Domestic Science 119 ....	2	Domestic Science 118.....	3
Domestic Science 120 ....	2	Domestic Science 120.....	2
Domestic Science 121.....	1	Domestic Science 121.....	1
Drawing 122.....	2	School Administration 112	2
Education 115.....	2		
			16
	17		

F. Rural Industrial Education

(For township superintendents, principals, and science teachers in agricultural communities)

FIRST YEAR

FIRST SEMESTER		SECOND SEMESTER	
Agricultural Education 114a	3	Agricultural Education 114b	3
Botany 2.....	2	Botany 2.....	2
Education III.....	3	Education III.....	3
English I.....	3	English I.....	3
Drawing 114.....	2	Drawing 114.....	2
Physical Education... ..	2 2/3	Manual Training 116.....	2
		Physical Education.....	2 2/3
	15 2/3		15 2/3

SECOND YEAR

FIRST SEMESTER		SECOND SEMESTER	
Agricultural Education 115	2	Agricultural Education 115	2
Agricultural Education 116	1 1/3	Agricultural Education 116	1 1/3
Botany 3.....	3	Botany 3.....	3
Manual Training 119.....	3	Manual Training 119.....	3
Sociology 3.....	3	Sociology 3.....	3
Zoölogy 7.....	4	Zoölogy 7.....	4
	16 1/3		16 1/3



## Courses of Instruction

THE following pages give the list of courses offered in the Ohio State Normal College of Miami University. All of the courses, with very few exceptions, are given every year.

Courses designated by numbers only are year courses and must be taken in their entirety to secure credit. Courses designated by numbers and letters both are half-courses continuing through one semester only. Courses designated by "a" are offered during the first semester; courses designated by "b" are offered during the second semester.

Unless otherwise stated, the number of recitations a week is the same as the number of hours credit.

During the summer vacation is issued a printed schedule giving complete information as to instructors, sections, days, hours, and rooms for the courses offered for the ensuing year. This schedule will stand from year to year subject only to necessary modification. In case of small elective classes, instructors will make temporary changes to meet the exigency. Students may rely upon the printed schedule in arranging their work. It may be had on application.

### Agricultural Education

BENJAMIN MARSHALL DAVIS, Ph. D., Professor

WARREN RICHEY, Assistant

IDA REINHART, Assistant

112a. PHYSIOLOGY. Emphasis is placed upon important life processes as related to intelligent care of the human body. Much attention is given to school hygiene and sanitation. The subject is presented chiefly by means of laboratory experiments, many of which may be adapted by teachers for use in elementary schools. One lecture and two laboratory periods a week. First semester. Three hours credit. Mr. Davis and Miss Reinhart.

112b. NATURE STUDY. Methods and aims of subject. Illustrations are selected with special reference to their availability and importance for instruction in elementary schools. The course includes study of common birds, insects, trees, etc. Considerable attention is given to school garden plans and practice. One lecture and two laboratory periods a week. Second semester. Three hours credit. Mr. Davis, Mr Richey, and Miss Reinhart.







113. HOUSEHOLD BIOLOGY. First semester.—Study of life processes with particular reference to the human body. (See 112a.) One lecture and two laboratory periods a week. Three hours credit. Second semester.—Applied biology dealing with bacteria, molds, yeasts, and other common organisms met with in daily life. Two lectures and two laboratory periods a week. Four hours credit. Mr. Davis and Miss Reinhart.
- 114a. PLANT PROPAGATION AND SOIL RELATIONS. Propagation and care of plants based upon principles of physiology of plant growth. Noxious weeds. Relation of plant to soil, including principles of soil fertility. One lecture and two laboratory periods a week. First semester. Three hours credit. Mr. Davis and Mr. Richey.
- 114b. ANIMAL AND PLANT IMPROVEMENT. Biological principles of animal and plant improvement. Management of breeding plots. Laboratory and field study of field crops. Two lectures and one laboratory period a week. Second semester. Three hours credit. Mr. Davis.
- 115a. ANIMAL NUTRITION. Animal physiology with especial reference to nutrition (rations and feeding). Two lectures a week. First semester. Two hours credit. Mr. Davis.
- 115b. DOMESTIC ANIMALS. Classification of domestic animals; history and development of various types; stock judging. Two lectures or demonstrations a week. Second semester. Two hours credit. Mr. Davis.
116. RURAL EDUCATION. Seminar work on various problems and current practices in rural education. One evening weekly throughout the year. One and one-third hours credit. Mr. Davis.

## Domestic Science

FRED CAMPBELL, WHITCOMB, B. S., Professor

LENA ROSS, Assistant Professor

MRS. NELLIE LOWE NOBLE, Instructor

- 113b. ELEMENTARY SEWING. The fundamental principles of drafting and cutting patterns from measurements. The making of simple garments from original designs. The use and care of machines. Students furnish all material which they use. One lecture and five hours sewing a week. Drawing 118a is prerequisite, and Drawing 118b must be taken as a parallel course. Second semester. Two hours credit. Mrs. Noble.
114. ELEMENTARY COOKERY. A systematic study of the principles and methods involved in the preparation of food. The composition, production, manufacture, and physiological value of the food stuffs of the world are considered. Fee for material, \$3.00. One lecture and three hours laboratory work a week. Two hours credit. Miss Ross.



115. **TEXTILES.** The production, properties, preparation, and treatment of fibers used in textile manufacture. The historical development of spinning, weaving, and the modern processes of manufacturing. The laboratory work includes weaving, dyeing, and basket making. Designs for much of the work are made. Many different materials are used. Fee for material, \$1.00. One lecture and four hours laboratory work a week. The entire course is given each semester. Two hours credit. Mrs. Noble.
116. **DRESSMAKING AND MILLINERY.** Emphasis is placed on artistic and skillful handsewing, and on application of the principles of design. The construction and trimming of hats forms a part of the course. Course 113 is prerequisite. Students furnish most of the material they use. Fee for material, 50 cents. One lecture and five hours laboratory work a week. Two hours credit. Miss Ross.
117. **ADVANCED COURSE IN FOODS.** The following topics are considered: advanced cookery; preservation of foods; preparation and serving of formal meals; invalid cookery; infant diet; school luncheons; etc. Course 114 is prerequisite. Fee for material, \$3.00. One lecture and three hours laboratory work a week. Two hours credit. Miss Ross.
- 118b. **DIETETICS.** This course treats of the relation of the composition of the body, its waste and repair, to the proportion and kind of food required and to the composition of various typical foods; it introduces the student to the hypotheses formulated from current dietetic research. Course 114 is prerequisite. Second semester. Three hours credit. Miss Ross.
- 119a. **HOUSEHOLD ECONOMICS.** The economic history of the household; the family income and its expenditure; marketing and the economical purchase and preservation of food. The principles of laundry work are taught through practical application. Courses 113 and 114 are prerequisite. Fee for material, \$1.00. Two lectures and two hours laboratory work a week. First semester. Two hours credit. Mrs. Noble.
- 120 **THEORY AND PRACTICE OF TEACHING DOMESTIC SCIENCE.** This course presents the methods of teaching domestic science in elementary and secondary schools. It includes the consideration of courses of study, their relation to the school curriculum, and the planning and presentation of lessons. The practical work includes observation, assistance, and teaching in public school classes and the planning of laboratory equipment. Limited to sophomores in the domestic science course and to others who obtain permission of the instructors. Two lectures or conferences and one or more periods of observation or teaching a week. Two hours credit. Mr. Whitcomb and Mrs. Noble.

- 121a. **SANITATION.** A study of water supply systems, sewers, disposal of waste, milk supplies, ice supplies, and shop sanitation in so far as their products entering the home may spread contagion; general sanitation of the home,—disinfection, fumigation, cleaning. One lecture a week. First semester. One hour credit. Miss Ross.
- 121b. **HOUSE DECORATION.** The application of the principles of harmony in line, in dark and light, and in color, to designs in interior decoration. Drawing 118 is prerequisite. Three hours laboratory work a week. One hour credit. Miss Ross.

## Drawing

FRED CAMPBELL WHITCOMB, B.S., Professor  
ETHELWYN MILLER, A.B., Assistant Professor  
GERTRUDE DAVIDSON, Instructor  
DOROTHY UNDERHILL, Assistant  
LISLE WINELAND, Assistant

111. **PUBLIC SCHOOL DRAWING.** The purpose of this course is threefold: (1) To develop an appreciation of the principles of composition—rhythm, symmetry, subordination, and proportion. (2) To apply this appreciation to school-room problems, to household decoration, and to the products of a local industry. (3) To acquire skill in handling chalk, pencil, and brush. Emphasis is placed upon the use of the blackboard as a medium of expression. Three hours a week. One hour credit. Miss Miller and Assistants.
113. **OBJECT DRAWING AND SKETCHING.** The emphasis in this course is placed upon the technical expression of art principles. The course also includes elementary perspective. Three hours a week. One hour credit. Miss Davidson.
114. **MECHANICAL DRAWING.** (1) Technical freehand work; sketching from models, lettering, and conventional representations. (2) Working drawings, tracings, and blue prints. (3) Conic sections; helix, gearing, and other curves; brush work; structural work. Students may rent texts and instruments. One lecture and four hours drawing a week. Two hours credit. Mr. Whitcomb and Mr. Wineland.
115. **ELEMENTARY DESIGN.** A progressive series of exercises in line, mass, and color leading to an appreciation of the art principles—rhythm, symmetry, proportion, and subordination. These exercises consist of drawings from nature, objects, masterpieces of line, mass, and color as found in textiles, pottery, sculpture, Japanese prints, and photographic reproductions of paintings. Nine hours a week. Three hours credit. Miss Miller and Assistants.
116. **ADVANCED OBJECT DRAWING AND SKETCHING** This course is a continuation of course 113, which is prerequisite. It includes the study of advanced perspective. Three hours a week. One hour credit. Miss Davidson.

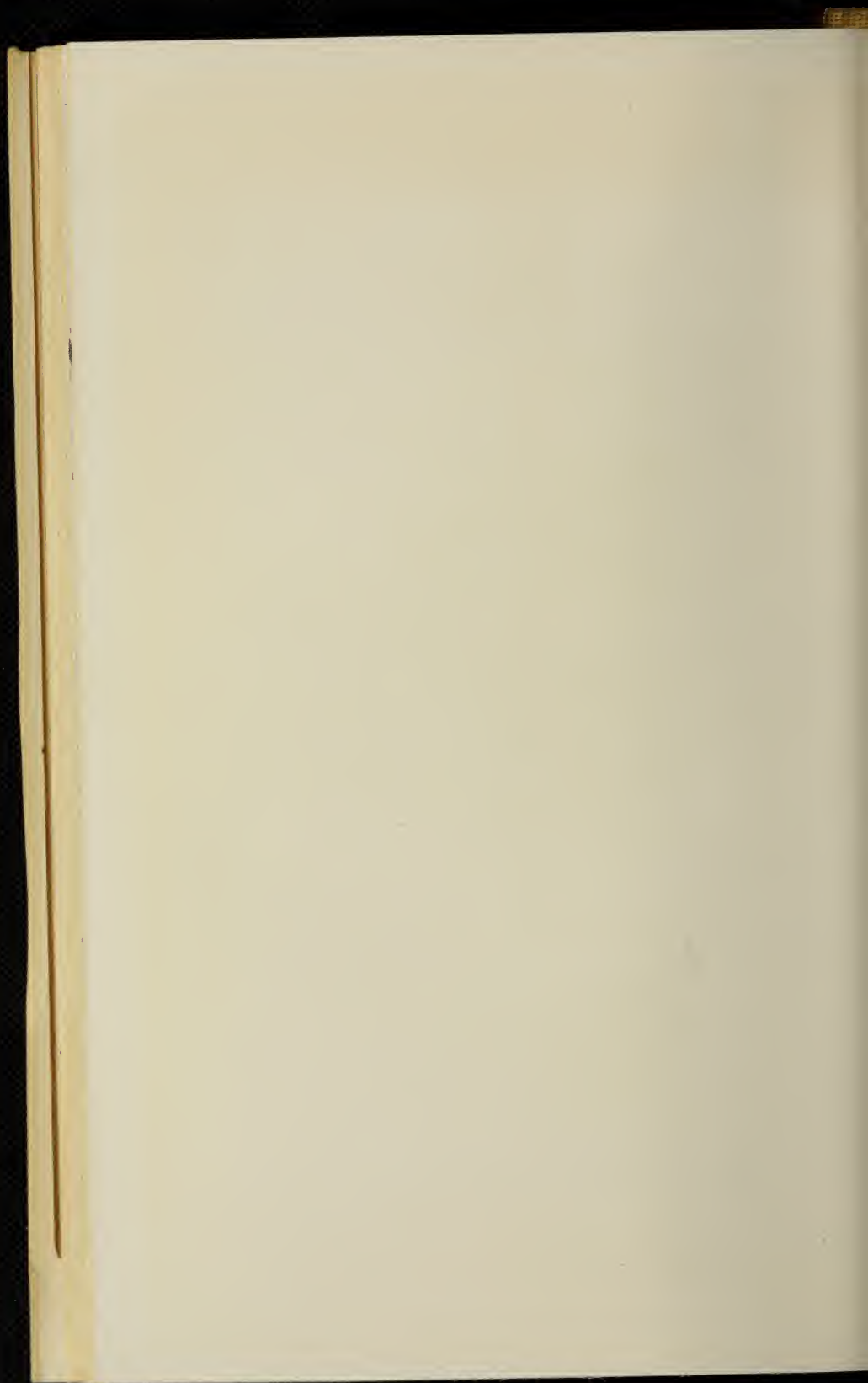
117. ART APPRECIATION. A general survey of the art of all ages. Reinach's *Appolo*—A Manual of the History of Art—is used as a text. One hour credit. Miss Miller.
118. ELEMENTARY DESIGN. (A short course) An abridgment of course 115, especially arranged for manual training and domestic science students. Practical application of the principles of design is made to problems arising in woodwork, metalwork, sewing, household art, etc. Three hours a week. One hour credit. Miss Davidson.
119. DESCRIPTIVE GEOMETRY AND ITS APPLICATIONS. A brief course in descriptive geometry followed by its applications in shades, shadows, perspective, axonometric and oblique projections. One lecture and four hours drawing a week. Two hours credit. Mr. Whitcomb.
120. THEORY AND PRACTICE OF TEACHING ART. This course is considered in its three aspects: subject matter, method, and equipment. (1) A study of the field of aesthetics in order to adjust the subject matter to the child's capacity to appreciate and to express. (2) A comparative study of methods of teaching. The material for this part of the course is obtained from observation of expert grade teachers and teachers of special lines of work. Lesson plans are made and teaching is done under criticism in the different grades of both the elementary and the secondary schools. (3) Experiments with various materials in order to select the best for equipping schools of various types. Two lectures or conferences and one or more periods of observation and teaching a week. Two hours credit. Mr. Whitcomb and Miss Miller.
121. ADVANCED DESIGN. This course is a continuation of course 115, which is prerequisite. It consists of original compositions involving the application of art principles. These compositions include textile designs and pictorial composition, dealing with landscape, pose, and still-life. Nine hours a week. Three hours credit. Miss Miller.
- 122a. ARCHITECTURAL DRAWING. The drafting of a set of house plans is made the basis of this course. Such topics as the evolution of the modern house, styles of architecture, the site, influence of environment on the house, rural and urban houses, building material, heating systems, lighting, and the care of a house are considered. One lecture and one laboratory period a week. First semester. Two hours credit. Mr. Whitcomb and Mr. Wineland.
123. CONSTRUCTIVE DESIGN. The principles of design are studied and employed in the making of a number of designs for articles of furniture. Working drawings are made from some of these designs. Drawing 115 or 118, and 114, and Manual Training 114a are prerequisite courses. Three hours a week. One hour credit. Mr. Whitcomb.





IN THE MODERN GYMNASIUM





## Education.

JOHN WAGNER HECKERT, A. M. Professor  
CLARENCE EDWIN CARTER, Ph. D., Professor  
J. M. O'GORMAN, A. M., Assistant Professor

111a. **PSYCHOLOGY AND CHILD-STUDY.** A study of the nature of sensations, percepts, images, memories, feelings of relationship, feelings of meaning, judgments, emotions, feelings of willing; the nature of mental life as a whole; the functions of mental states; the nature of and action of the nervous system. Dynamic Psychology: a study of the laws of mental action in their relation to attention, memory, habit-formation, reasoning, action, etc. Child-Study: a brief survey of the periods of development in the life of the child; children's instincts and their function in the process of education; the development of intellect, of the moral nature, and of motor control; heredity and abnormalities in children. Thorndike's *Elements of Psychology* and Kirkpatrick's *The Individual in the Making*. First semester. Three hours credit. Mr. Heckert and Mr. O'Gorman.

111b. **PRINCIPLES OF TEACHING AND THE METHOD OF THE RECITATION.** A course in the application of principles of general and educational psychology to the problem of teaching. The doctrine of apperception; attention and interest in their relation to education; principles of association and the various forms of school exercises; inductive and deductive reasoning applied to teaching; individual differences in children, the doctrine of formal discipline; etc. Observation of teaching in the William McGuffey School and experimentation in class constitute a part of the work in the course. Method of the Recitation: the principles of teaching applied to the problems of the recitation. A discussion of problems, such as the necessity of a definite aim; characteristics of a good aim; selection and organization of materials in the light of the aim; nature of the questions to be used for most effective work; choice of the proper devices; the inductive and deductive development lessons; the text-book lesson; the study lesson; drill as an element in good teaching; teaching pupils how to study. The application of the principles of teaching in the preparation of lesson plans in the several branches of the curriculum of the elementary school illustrated. Thorndike's *Principles of Teaching* and McMurry's *Method of the Recitation*. Second semester. Three hours credit. Mr. Heckert and Mr. O'Gorman.

112a. **HISTORY OF EDUCATION.** Education in the Middle Ages. Renaissance and humanistic education. The Reformation and its influence upon education. Educational tendencies during the seventeenth and eighteenth centuries: realistic education; the disciplinary conception of education; the naturalistic movement represented by Rousseau. The psychological tendency as represented by Pestalozzi, Herbart, Froebel, and Rosmini. The scientific tendency. The sociological tendency.

The present tendencies in education, especially in the United States. Monroe's *Text-Book in the History of Education*. First semester. Four hours credit. Mr. Carter.

## English

MRS. FRANCES GIBSON RICHARD, A. M., Associate Professor.

- III. COMPOSITION AND LITERATURE. First semester.—Composition. Theme-writing. Correction of incorrect habits of speech. Drill in the art of story-telling. Literature for children. Folk-lore, myth, and legend; the ethical and inspirational value of classical stories. Second semester.—Literature. Selection of material for public school work; discussion of the epic, dramatic, lyric, didactic and pastoral element in literature and their relation to public school work. Theme-writing. Analysis of masterpieces. Three hours credit. Mrs. Richard.

## Geography

GEORGE WILSON HOKE, Ph. M., Professor

- III. HOME AND REGIONAL GEOGRAPHY. A library and laboratory course. The library work deals with study of the characteristic features of relief, climate, occupations, institutions, arts, customs, and beliefs in selected areas of the earth as a basis for the interpretation of fundamental adjustments to various geographic environments. The laboratory work deals with physical features and processes, with especial reference to the home area, and offers practical exercises in the construction and interpretation of maps. Three lecture periods a week with one hour of preparation required for each, and one three-hour laboratory period a week with no preparation required. Three hours credit. Mr. Hoke.

## History

CLARENCE EDWIN CARTER, Ph. D., Professor

- III. AMERICAN HISTORY. First semester—Early American history from the period of discovery to the making of the Federal Constitution. Attention is given to such subjects as the European background, motives for colonization, the life of the people, governmental institutions, the conflict between France and England for control of North America, the relations of the colonies to the mother country, the American Revolution, the period of the Confederation, and the organization of the Federal government. Second semester—The history of the United States from the administration of Washington to the end of the 19th century. Special attention is given to such topics as the development of political parties, the slavery controversy, problems arising out of the Civil War and reconstruction periods, and the social and economic development of the whole period. Longman's Epoch Series of American histories used throughout the year. Three hours credit. Mr. Carter.



## Manual Training

FRED C. WHITCOMB, B. S., Professor

FOREST TOBIAS SELBY, Instructor

GERTRUDE DAVIDSON, Instructor

112. PUBLIC SCHOOL HANDWORK. A study of the different forms of handwork as related to the grade work. These forms include paper and cardboard construction, modeling with clay, weaving, etc. Fee for material, 50 cents. Three hours a week. One hour credit. Miss Davidson.
- 113a. PAPER AND CARDBOARD WORK; BOOKBINDING. (1) The historic development of the paper industry. Constructive problems based on the use of paper and cardboard in connection with the principles of design. The articles made involve the processes of tearing, cutting, folding, mounting, pasting, weaving, and constructing. (2) The development of the bookbinding industry, together with a brief study of printing and lettering in connection with bookbinding, repairing of books, and making of pamphlets, tablets, and notebooks. Fee for material, \$1.00. One lecture and four hours laboratory work a week. First semester. Two hours credit. Miss Davidson.
- 113b. CLAY MODELING AND POTTERY. A study of the principles of design, with clay as the medium of expression. The study of form and construction is arranged in a series of progressive lessons, beginning with simple lines and masses in mouldings, repeated borders, and pottery. The course has direct relation to the manual arts and pottery, but is also designed to meet the needs of teachers in elementary schools. Fee for material, \$1.00. One lecture and four hours laboratory work a week. Second semester. Two hours credit. Miss Davidson.
114. WOODWORKING. From working drawings and blue prints, a number of simple pieces of woodwork are made. The correct use of the proper tools is emphasized. By means of lectures, readings, drawings, and experiments, the following topics are considered: the classification, structure, use, and evolution of tools; joints and the principles of joinery; forms of fastenings; wood finishing; structure, properties, and seasoning of wood; the principal species of wood, the North American forest and forestry; the enemies of the forest; lumbering and saw milling. Fee for material, \$1.00. Two lectures and demonstrations and three hours shop work a week. Two hours credit. Mr. Whitcomb and Mr. Selby.
115. WOODTURNING, PATTERNMAKING, AND THE USE OF POWER MACHINERY. A study of the lathe, turning tools, methods of turning and methods of finishing. Cabinet turning, including the processes of turning between centers, face plate, and chuck work. Pattern turning and bench work, including some simple foundry work with soft metals. Shop machines are used by the students and their action investigated and explained. Power, shafting, and belting are considered. Fee for material, \$1.00. One lecture and five hours practical work a week. Two hours credit. Mr. Selby.



- 116b. **BUILDING CONSTRUCTION.** The erection of a small frame building is made the basis of the work of this course. A thorough study is made of building materials, of processes, of methods, and of the mechanics of carpentry. Some knowledge of the use of the common woodworking tools is prerequisite. Fee for material, \$1.00. One lecture and three hours practical construction a week. Second semester. Two hours credit. Mr. Whitcomb and Mr. Selby.
117. **CABINET MAKING.** An advanced course. From the designs and working drawings made in Drawing 123 (which should be taken as a parallel course), articles of furniture are constructed. A study is made of the different styles and periods of furniture. Caning, upholstering, simple carving, inlaying, and metal trimming are employed in the course. Manual Training 114 is prerequisite. Fee for material, \$2.00. One lecture and five hours shop work a week. Three hours credit. Mr. Whitcomb and Mr. Selby.
118. **ART METALWORK.** Sheet copper and sheet brass are used as materials. Instruction is given in bending, sawing, filing, riveting, and hammering. Decoration by means of piercing, etching, chasing, embossing, flame and acid coloring, and enameling. Drawing 118 is prerequisite. Fee for material, \$1.00. Three hours shop work a week. One hour credit. Mr. Whitcomb and Mr. Selby.
119. **METALWORKING.** First semester.—A number of processes of bench work with cold metal are considered, such as chipping, filing, fitting, polishing, drilling, riveting, threading, and soldering. Second semester.—An elementary course in forging including the usual processes of drawing, bending, twisting, upsetting, welding, and shaping of wrought iron and soft steels, and the annealing, hardening, tempering, and working of high carbon steels. Fee for material, \$1.00. One lecture and four hours shop work a week. Two hours credit. Mr. Selby.
120. **THEORY AND PRACTICE OF TEACHING MANUAL TRAINING.** (1) The place of the industrial arts in education; relation to social life, to child nature, and to the curriculum; history and development in Europe and in the United States; the organization of the work in elementary and secondary schools, in industrial schools, etc. (2) Equipment and maintenance in elementary and secondary schools. (3) Observation, lesson plans, and teaching under criticism. Limited to sophomores in the manual training course and to others who obtain permission of the instructor. Three lectures or conferences and one or more periods of observation or teaching a week. Three hours credit. Mr. Whitcomb.

## Mathematics

THOMAS LYTLE FEENEY, A. M., Professor

- 111a. **HISTORY AND TEACHING OF ELEMENTARY MATHEMATICS.** A brief history of the development and teaching of elementary mathematics with discussion of present practice, and of the proper place of arithmetic, algebra, and geometry in the elementary school, with particu-

lar reference to the primary grades. Papers and talks on assigned readings, discussions, examination of recent text-books. For freshmen in the regular grade teachers' course of the Normal College. Texts: Smith's *The Teaching of Elementary Mathematics*, and McLellan and Dewey's *Psychology of Number*. Readings from Gow, Conant, Casjori, Brooks, Judd, and others. First semester. Three hours credit. Mr. Feeney.

- 111b. Continuation of 111a with particular reference to the upper grades. Second semester. Three hours credit. Mr. Feeney.

## Music

RAYMOND HUGH BURKE, B. S., Director and Associate Professor

SARA NORRIS, A. B., Instructor

MARY BUSHNELL, B. Mus., Instructor

111. ELEMENTARY MUSIC. A study of the fundamental laws of musical structure and interpretation. Voice and ear training. Unison, two-part, and three-part melody writing. Sight singing and directing. Principles of choral singing. Biographies of composers. Survey of current school music courses. Two-thirds hour credit for regular grade teachers and two and one-third hours credit for music teachers, who are required to do more work. Mr. Burke and Miss Bushnell.
112. SCHOOL MUSIC. Relation of music to education. General principles of teaching school music. Organization and study of course for the elementary school. Character of work in the secondary school. Correlation with the school curriculum. Demonstration of principles, methods, and practical application of material. Observation work and lesson plans. Two-thirds hour credit for the regular grade teachers, and two hours credit for the music teachers, who are required to do more work. Mr. Burke and Miss Bushnell.
113. MUSIC APPRECIATION: COMPOSITION. A critical study of the principles of acoustics, instrumentation, rhythm, melody, harmony, counterpoint, orchestration, form, style, and historical development, as applied to musical composition. Three hours credit. Mr. Burke.
114. MUSIC APPRECIATION: INTERPRETATION. A critical study of the evolution, technique, and music of the organ, violin, string quartet, piano, singer, orchestra, choir, and opera from the point of view of musical interpretation. Three hours credit. Mr. Burke.
115. SINGING. A study of the fundamentals of good voice production. Vocal studies and art songs. Individual and class work. Student rehearsals. Two lessons and six to eight hours work required each week. Two hours credit. Miss Bushnell.
116. ADVANCED SINGING. The development of vocal technique. Continuation of vocal studies and art songs. Individual and class work. Student rehearsals. Two lessons and six to twelve hours work required each week. Two hours credit. Miss Bushnell.

117. PIANO PLAYING. Technical and interpretative studies in piano playing. Study of the less difficult piano literature of the old and modern schools. Work in sight reading to cultivate the playing of an accurate and of a sympathetic accompaniment to hymns, part-songs, and solos. Individual and class work. Student rehearsals. Two lessons and six to twelve hours work required each week. Two hours credit. Miss Norris.
118. ADVANCED PIANO PLAYING. The development of piano technique. Study of the more difficult piano literature of the old and modern schools. Pipe organ playing for sufficiently advanced students. Individual and class work. Student rehearsals. Two lessons and six to twelve hours work required each week. Two hours credit. Miss Norris.
119. CHORAL LITERATURE. Study of the structure, interpretation, form, style, history, composer, etc., of part-songs, choruses, and an operetta-cantata, or oratorio for public performance. Open to members of the Glee Club and of the Madrigal Club. Two-thirds hour credit. Mr. Burke and Miss Norris.
120. SCHOOL MUSIC TEACHING. Continuation of Music 112. Selection and arrangement of material in lessons, and presentation of same in actual school room instruction under the supervision of a critic teacher. Observation work and five hours teaching each week. Individual and class conferences. Three hours credit. Mr. Burke and Miss Bushnell.

## Physical Education

FREDERICK W. STONE, Professor  
MRS. FREDERICK W. STONE, Instructor

Throughout their freshman and sophomore years, all students, unless excused by the medical examiner, are required to devote two hours a week to physical exercise under the supervision of the director. Students entering the University are given physical examinations, and records are kept for future reference. The regular class work for men and for women combines, with the usual gymnasium work, exercises best fitted to the needs of the individual student. Students requiring special attention are assigned to classes in medical gymnastics. In the fall and spring, class work is conducted out of doors.

The physical training for men consists of Swedish movements; exercises with wands, dumb-bells, and clubs; gymnastics on parallel bars, horizontal bars, and rings; and participation in college athletics—cross-country runs, football, basketball, baseball, tennis, and track work.

The physical training for women consists of Swedish movements; exercises with wands, dumb-bells, and clubs; drill in folk songs and folk games, and in military tactics; and participation in college athletics—English field-hockey, indoor baseball, basketball, golf, and tennis. A public exhibition of the work of the winter was given on the evening of March 18th.



## Public Speaking

ARTHUR LOREN GATES, A. M., Professor

112. **READING COURSE FOR TEACHERS.** The study of the expression of the simplest styles of literature—narration, description, etc. Practice in placing power and spirit in every tone of the voice. The use of the teacher's voice in the school room. Three hours credit. Mr. Gates.

## School Administration

HARVEY C. MINNICH, Ped. D., Professor

112. **SCHOOL ORGANIZATION AND MANAGEMENT.** The form, function, and relations of the various points of the school organization; the scope and adaptation of the curriculum; the tutor and his relations to the various school and community factors; class-room control, disciplinary methods and social forces; school law and legislation. Three hours credit. Mr. Minnich.

## Special Method (Training)

ANNA ELIZABETH LOGAN, A.M., Professor

THOMAS LYTLE FEENEY, A.M., Professor

- 112a. **COMPOSITION, GRAMMAR, AND SPELLING.** Composition: aims in teaching oral and written composition; the difficulties in the way; the materials upon which the work should be based; organization of thought as an element in composition writing; teaching form in language; effective ways of making corrections. Grammar: the purposes of the course in grammar: the proper sequence of topics of study; the selection of materials to provide for a motive; the inductive method of treatment; etc. Spelling: selection of words to be assigned for one lesson; facts pupils should know about each word; proper methods of teaching spelling from the point of view of psychology.

**READING LITERATURE.** What a good method of teaching reading ought to provide for; a criticism of various methods from this point of view; teaching pupils to read for thought, for expression, with fluency; the use of the "reader" in the upper grades; proper materials for reading in the several grades; method of presenting literary wholes; what can be done to secure appreciation of good literature.

**ELEMENTARY SCIENCE.** Aims in science teaching; fundamental principles for the selection of materials; content of the course; nature study and school gardens; facts from elementary physics; physiology. Illustrations of the method of presenting topics from the several branches in the different grades of the elementary school. First semester. Miss Logan.

- 112b. **HISTORY AND GEOGRAPHY.** History: the place of history in the curriculum of the elementary school; organization of materials in history; the great institutions in the life of the nation; interpretation



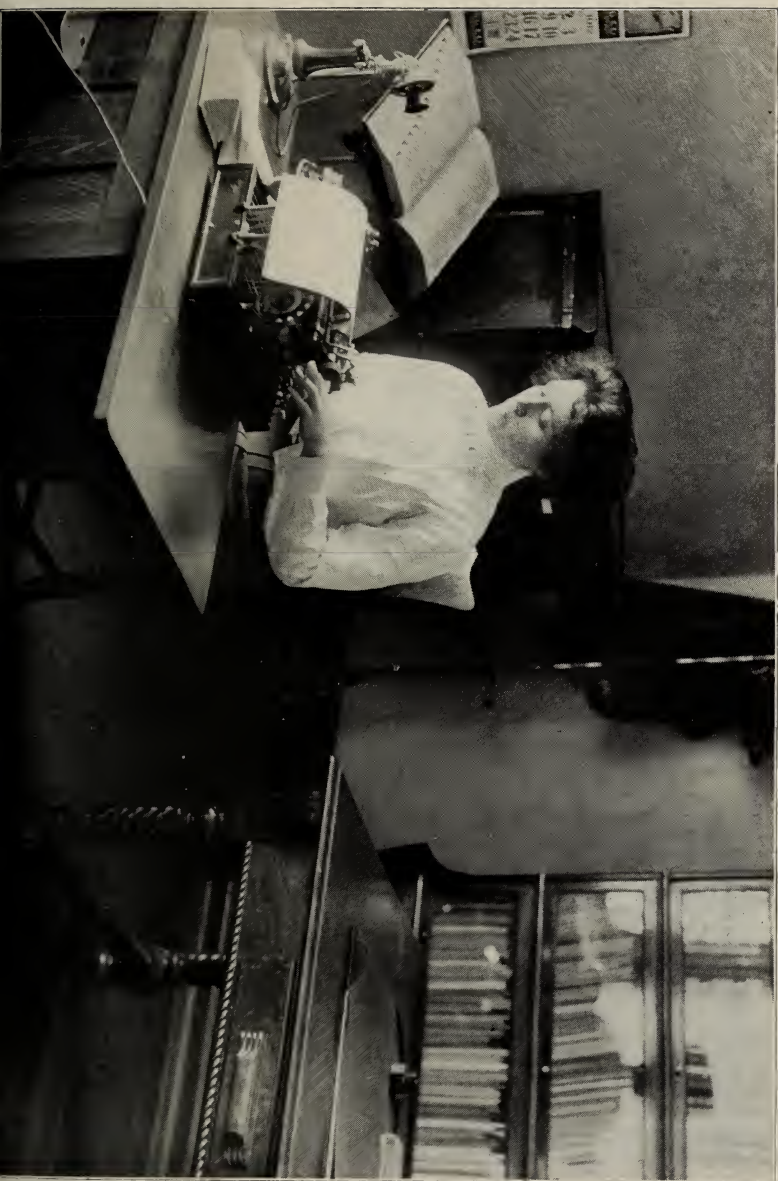
of facts in history; a brief survey of the several periods in American history; study of local institutions, local history, biographies, and history stories; period of national history; proper use of text and reference works; the forms of presentation of individual lessons; etc. Geography: the nature of geography; geography and other sciences and subjects of study; aims in the study of geography; the physical, mathematical, and economic branches of geographical study; aim, content, and method of presenting home, or observational, geography; the region as the unit of study; type studies in geography; inductive and deductive development lessons applied to geography teaching; the use of maps, reference books, and other means for effective work. Second semester. Mr. Feeney.

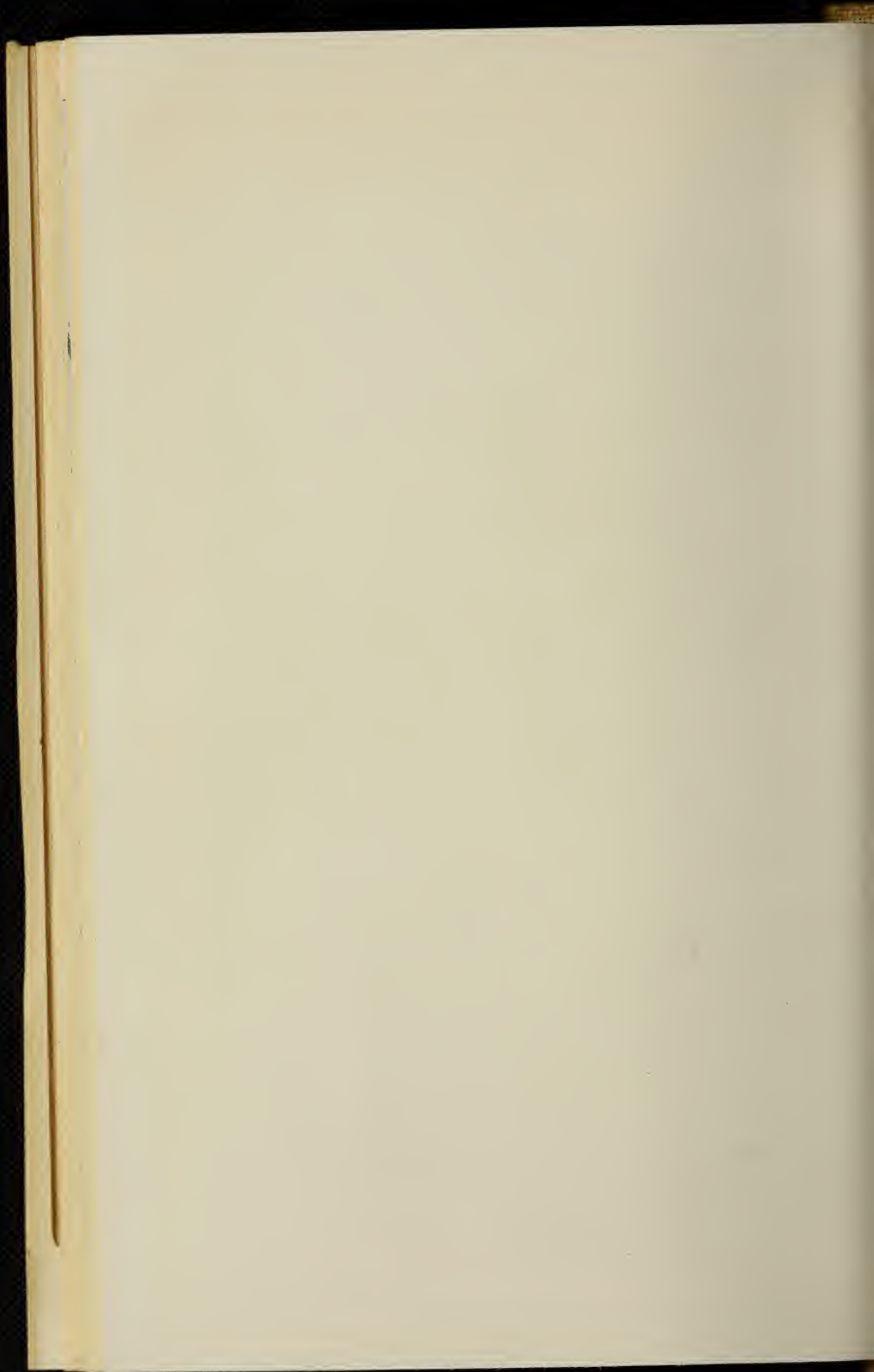
**PRACTICE TEACHING IN PRIMARY AND UPPER GRADES.** Students prepare series of lessons and then teach them in the William McGuffey Elementary School. This work is organized on two fundamental principles: (1) that the students must not fail in their practice teaching through any lack of preparation, and (2) that the development and establishment of right ideals and methods of teaching in the minds of the student teachers demands that the practice teaching be carried on under careful supervision and criticism, and that it extend over a considerable period of time. With these ends in view, the courses in history, geography, and English are offered in the first year, as are also the courses in psychology, the principles of teaching, the method of the recitation, and the history and teaching of mathematics. The special method in history, geography, reading literature, and other subjects of the elementary school is given during the second year. While the students are studying the principles of teaching, they are required to observe the teaching of critic teachers. In this manner they obtain a more comprehensive view of the meaning of these principles and also come to know the class room situation. Finally, students are taught to plan lessons and are required to teach one or two of them to groups of pupils in the presence of other student teachers and of the supervisor. These lessons are then discussed. Continuous teaching of about one-half hour daily begins with the sophomore year and continues to its close. During this time, student teachers are under the immediate direction of the critic teachers, to whom they are responsible for both the preparation and the actual teaching of the lessons. During the entire year, however, student teachers who require more care than the critic teachers are able to give them will be in charge of the supervisors. Total credit, six hours.

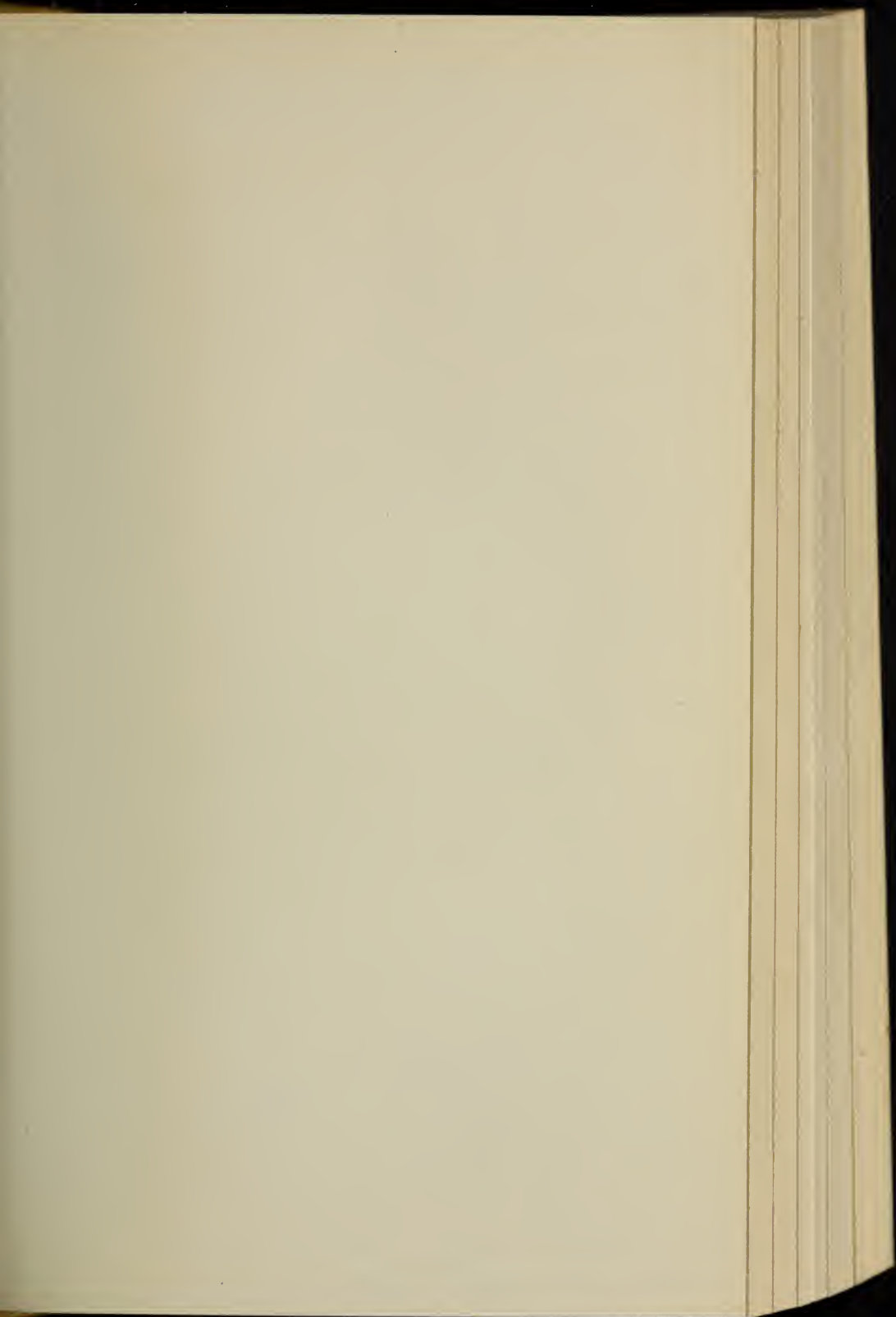
For further information regarding the Normal College, address

HARVEY C. MINNICH,

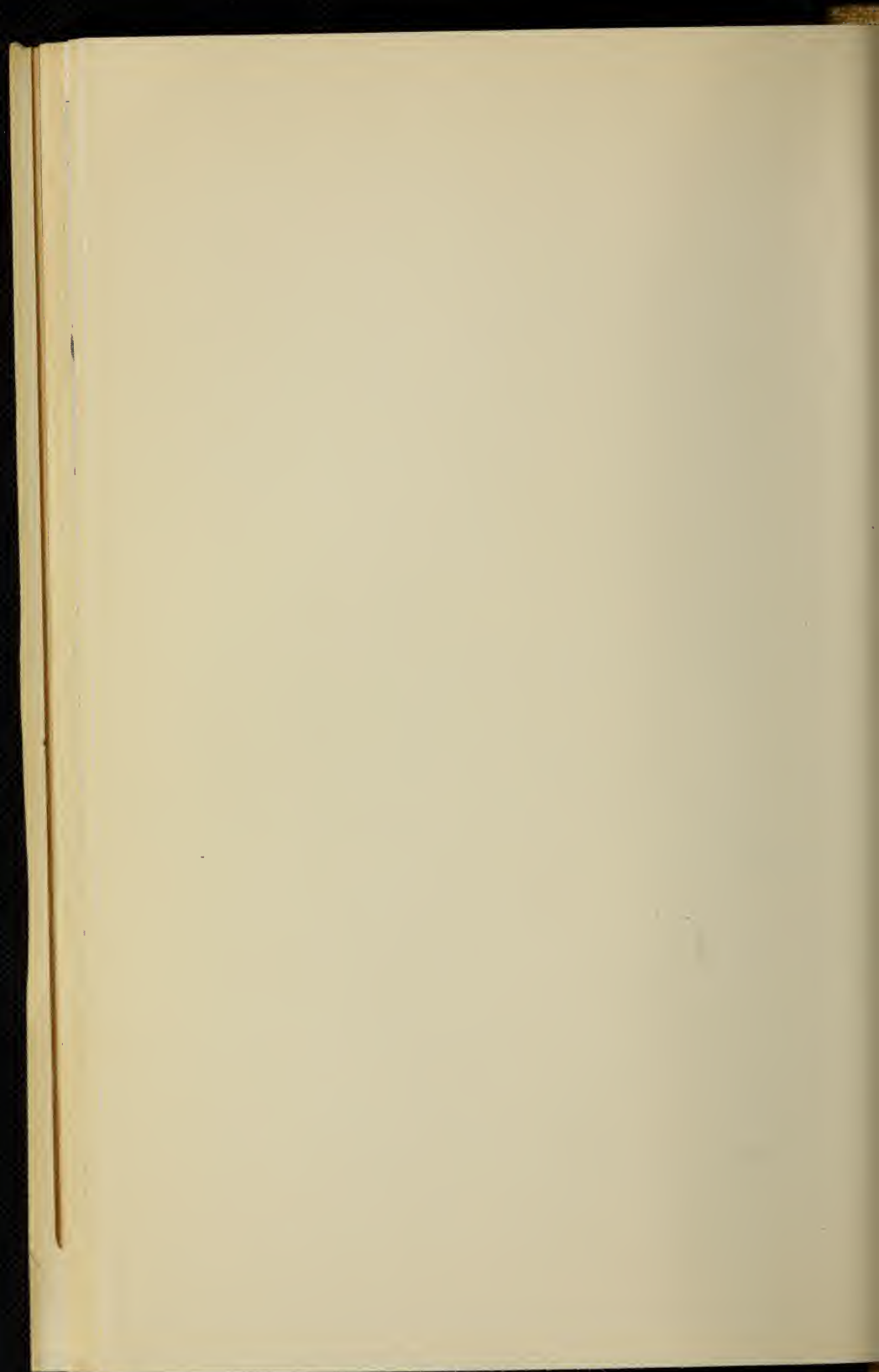
Dean Ohio State Normal College,  
Oxford, Ohio.

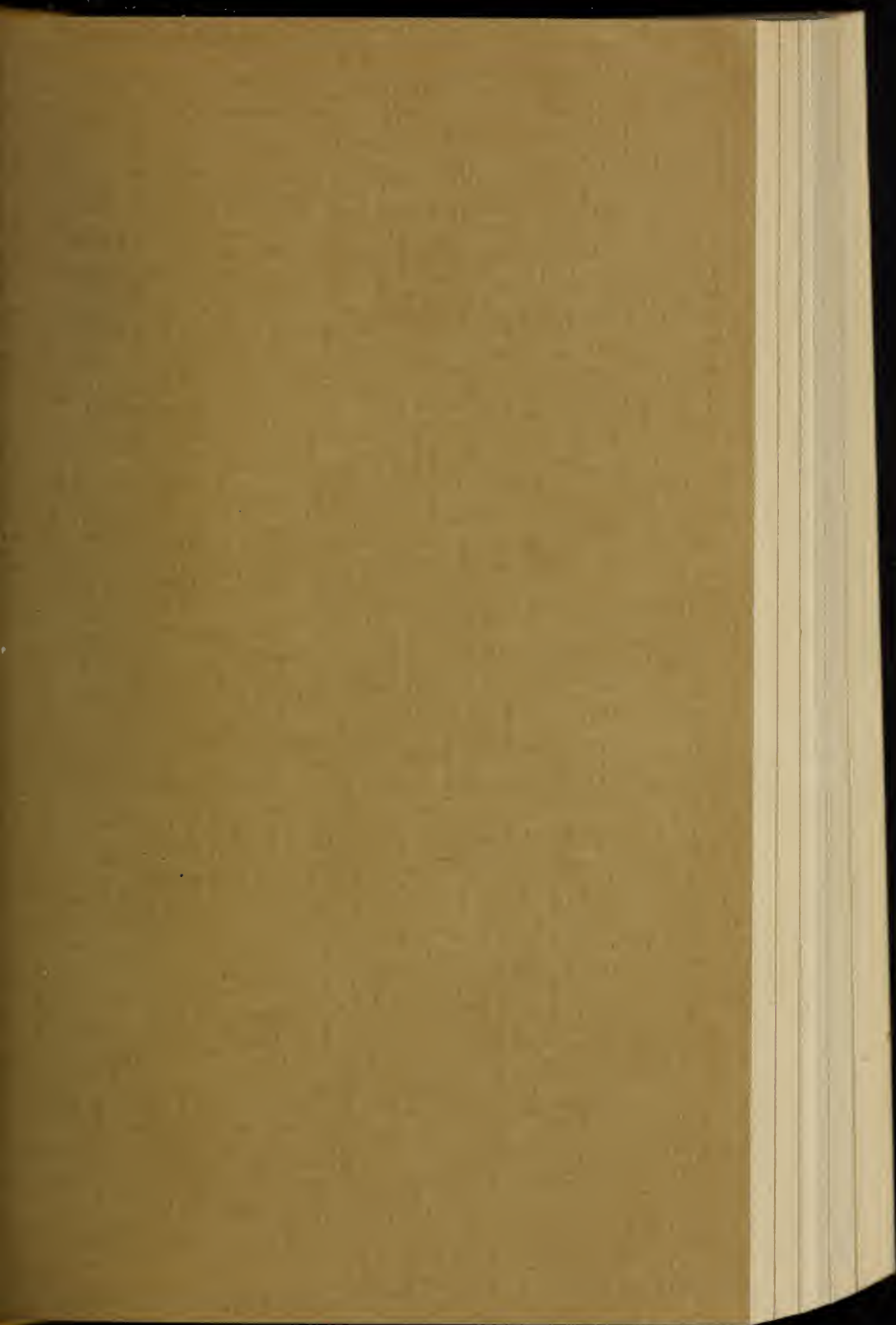


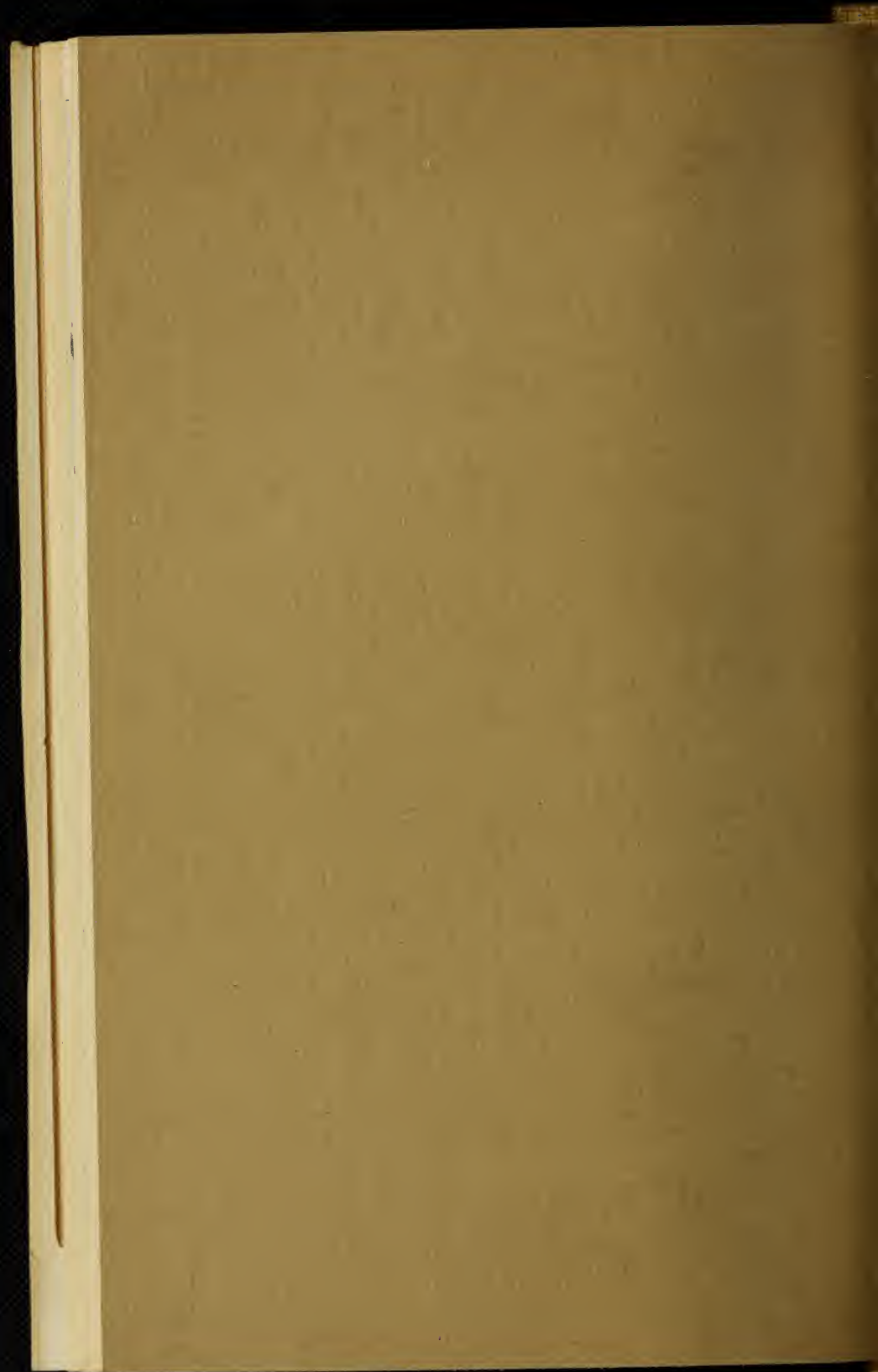












9225

1913/14

MIAMI

UNIVERSITY

BULLETIN

Series XII, No. 8

April, 1914

Ohio State Normal College  
of Miami University

1913-1914

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OXFORD, OHIO

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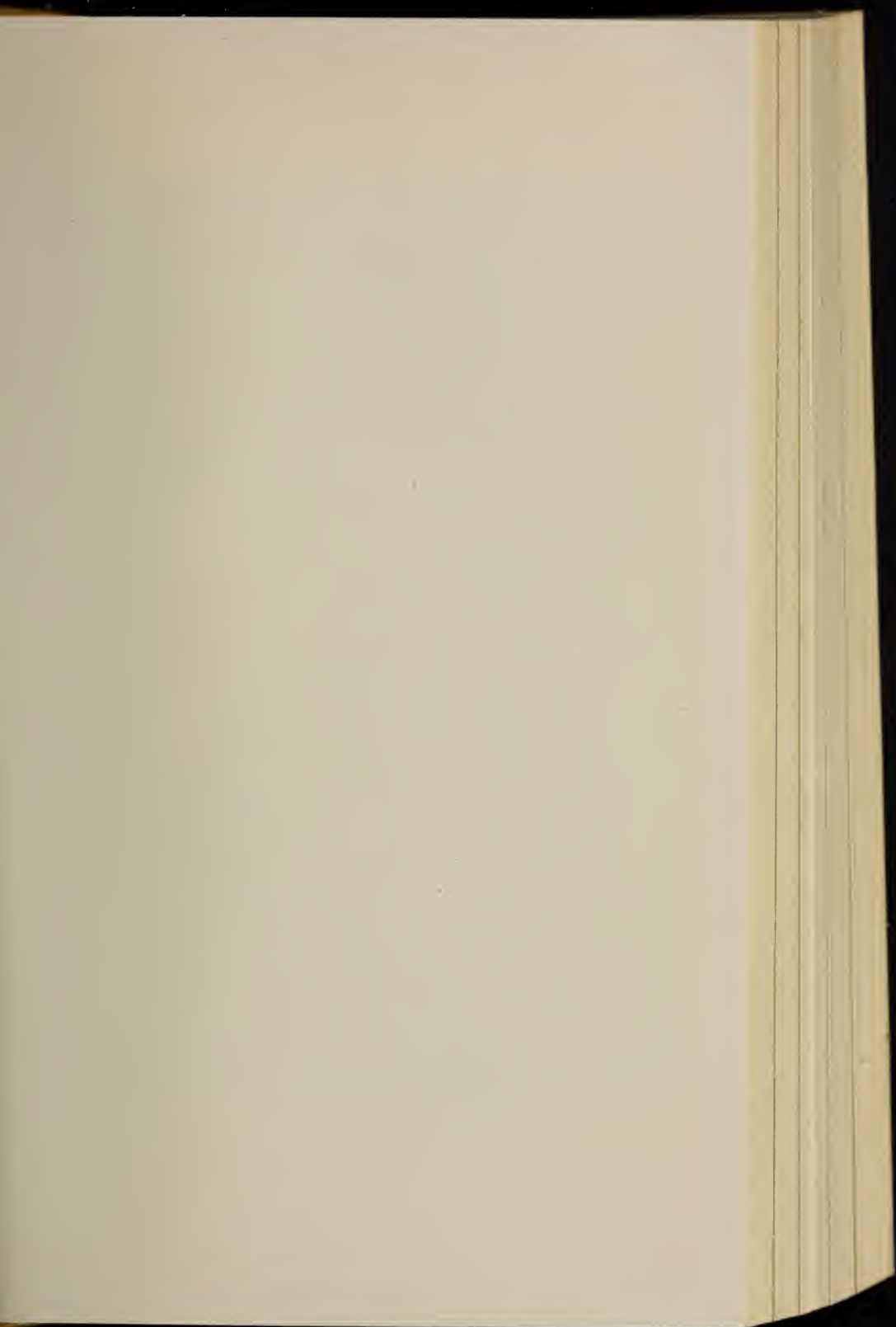
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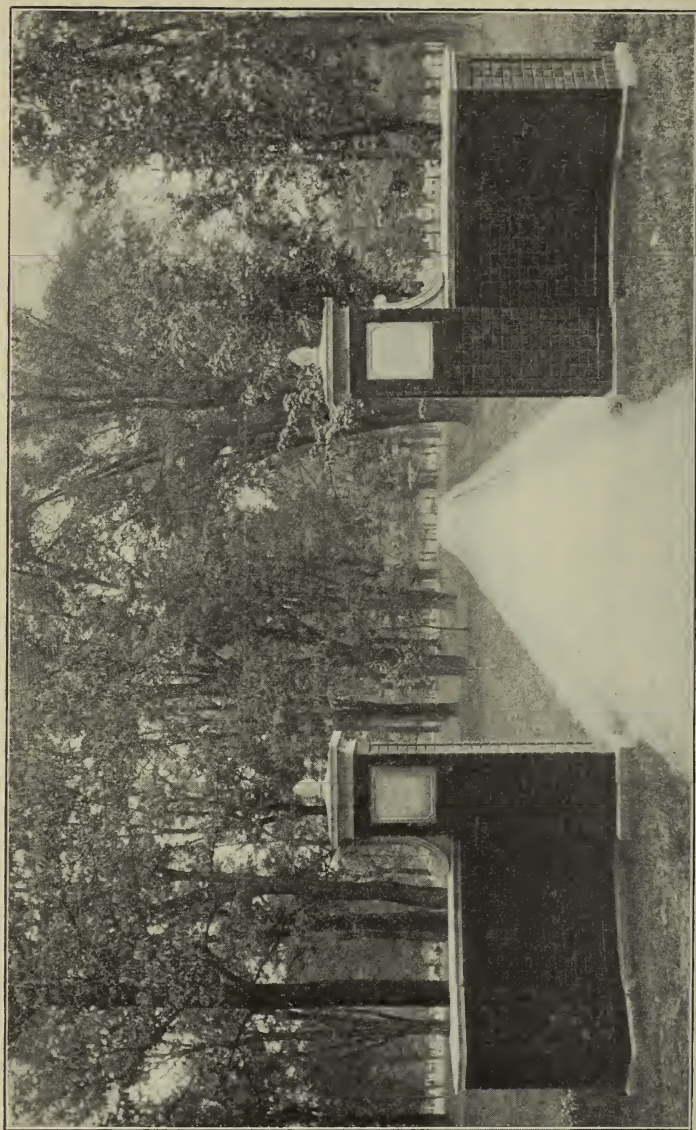
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## Miami University Bulletin

Published monthly by the University. Entered at the post office at Oxford, Ohio, as second-class mail matter, under the Act of Congress of July 16, 1894.





ENTRANCE TO THE MIAMI CAMPUS

Ohio State Normal College  
of Miami University

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1913-1914

Announcements for 1914-15

OXFORD, OHIO

Published by the University

APRIL, 1914



# CALENDAR 1914

JANUARY							JULY								
S	M	T	W	T	F	S	S	M	T	W	T	F	S		
					1	2	3					1	2	3	4
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15	16	17	18	19	20	21	9	10	11	12	13	14	15	16	17
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19	20	21	22	23	24	25	18	19	20	21	22	23	24	25	26
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31															
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# CALENDAR 1915

JANUARY							JULY						
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31													
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28							29	30	31				
MARCH							SEPTEMBER						
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APRIL							OCTOBER						
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							31						
MAY							NOVEMBER						
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30	31												
JUNE							DECEMBER						
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20	21	22	23	24	25	26	19	20	21	22	23	24	25
27	28	29	30				26	27	28	29	30	31	

# University Calendar

1913-14

1913

- Sept. 16 Tue. Entrance examinations and registration.  
 Sept. 17 Wed. Formal opening of the academic year 1913-14, 10:30 a. m.  
 Sept. 18 Thu. Class work begins, 7:30 a. m.  
 Sept. 21 Sun. First University service.  
 Oct. 19 Sun. Second University service.  
 Nov. 9 Sun. Third University service.  
 Nov. 26 Wed. Thanksgiving recess from noon to Dec. 1, 10:30 a. m.  
 Dec. 19 Fri. Christmas recess from noon to Jan. 6, 10:30 a. m.

1914

- Jan. 6 Tue. Class work resumed, 11:00 a. m.  
 Jan. 18 Sun. Fourth University service.  
 Jan. 29 Thu. Semester examinations begin, 8:00 a. m.  
 Feb. 5 Thu. First semester closes, 4:00 p. m.  
 Feb. 6 Fri. Junior promenade.  
 Feb. 7 Sat. Second semester begins; registration.  
 Feb. 9 Mon. Class work begins, 7:30 a. m.  
 Feb. 15 Sun. Fifth University service.  
 Mar. 15 Sun. Sixth University service.  
 April 9 Thu. Easter recess from noon to April 15, 10:30 a. m.  
 April 19 Sun. Seventh University service.  
 May 17 Sun. Eighth University service.  
 May 30 Sat. Memorial Day; a holiday.  
 June 6 Sat. Final examinations begin, 8:00 a. m.  
 June 13 Sat. Farewell chapel and recognition service, 11:00 a. m.  
 June 13 Sat. Reunion of alumni, Ohio State Normal College, 12:00 m.  
 June 13 Sat. Annual play of sophomore Normal class, 7:00 p. m.  
 June 14 Sun. Baccalaureate service, 2:30 P. M.  
 June 14 Sun. Sacred concert. 7:30 p. m.  
 June 15 Mon. Annual meeting of the Board of Trustees, 10:30 a. m.  
 June 16 Tue. Annual play of senior Liberal Arts class, 7:30 p. m.  
 June 17 Wed. Alumni day: Business meeting 10:00 a. m. Luncheon 12:00 m.  
 June 17 Wed. Annual meeting of the Phi Beta Kappa Society 3:00 p. m.  
 June 18 Thu. Seventy-fifth annual Commencement, 10:00 a. m.  
 June 18 Thu. President's reception, 2:00 p. m.

June	22	Mon.	First session of summer term begins.
July	31	Fri.	First session of summer term ends.
Aug.	3	Mon.	Second session of summer term begins.
Sept.	4	Fri.	Second session of summer term ends.

## 1914-1915

## 1914

Sept.	15	Tues.	Entrance examinations and registration.
Sept.	16	Wed.	Class work begins, 7:30 a. m.
Sept.	16	Wed.	Formal opening of the academic year 1914-15, 10:30 a. m.
Sept.	20	Sun.	First University service.
Oct.	18	Sun.	Second University service.
Nov.	15	Sun.	Third University service.
Nov.	26	Thu.	Thanksgiving day, a holiday.
Dec.	10	Sun.	Fourth University service.
Dec.	23	Wed.	Christmas recess from 4:00 p. m. to Jan. 5, 10:30 a. m.

## 1915

Jan.	5	Tue.	Class work resumed, 11:00 a. m.
Jan.	17	Sun.	Fifth University service.
Jan.	21	Thu.	Semester examinations begin, 8:00 a. m.
Jan.	28	Thu.	First semester ends, 4:00 p. m.
Jan.	29	Fri.	Junior promenade.
Jan.	30	Sat.	Second semester begins; registration.
Feb.	1	Mon.	Class work begins, 7:30 a. m.
Feb.	21	Sun.	Sixth University service.
Mar.	21	Sun.	Seventh University service.
April	1	Thu.	Spring recess from noon to April 7, 10:30 a. m.
April	18	Sun.	Eighth University service.
May	16	Sun.	Ninth University service.
May	29	Sat.	Final examinations begin, 8:00 a. m.
May	31	Mon.	Memorial Day, a holiday.
June	6	Sun.	Baccalaureate service, 2:30 p. m.
June	10	Thu.	Seventy-sixth annual commencement.
June	14	Mon.	First session of summer term begins.
July	23	Fri.	First session of summer term ends.
July	26	Mon.	Second session of summer term begins.
Sept.	3	Fri.	Second session of summer term ends.

## 1915-16

Sept.	14	Tue.	Academic year 1914-15 begins.
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## Officers of Instruction and Government

RAYMOND MOLLYNEAUX HUGHES, M. S. .... Lewis Place  
*President*

A. B., Miami University, 1893; M. S., Ohio State University, 1897. Professor of Chemistry, Miami University, 1898-1913. Acting President, 1911-1913. Present position since 1913.

EDGAR EWING BRANDON, Univ. D. .... 201 East Church Street  
*Vice President*

A. B., University of Michigan, 1888; A. M., University of Missouri, 1897; Docteur d' Université, University of Paris, 1904. Professor of Romanic Languages, Miami University, since 1898. Vice-President since 1908.

HARVEY C. MINNICH, A. M., Ped. D., LL. D., 206 South Campus Avenue  
*Dean of the Ohio State Normal College and Professor of School Administration*

A. B., Ohio Northern University, 1897. Present position since 1903.

ELIZABETH HAMILTON, A. B., .... Bishop Hall  
*Dean of Women*

A. B., Oxford College, 1895. Present position since 1905.

ANNA ELIZABETH LOGAN, A. M. .... East Collins Street  
*Supervisor of Primary Grades and Professor of Method*

Present position since 1902.

\*THOMAS LYTLE FEENEY, A. M. .... 400 East High Street  
*Professor of Special Method*

Present position since 1902.

GEORGE WILSON HOKE, Ph. M. .... The Tallawanda  
*Professor of Geography*

A. B. Butler College, 1895; Ph. B., University of Chicago, 1898; Ph. M., 1901. Present position since 1902.

FRED CAMPBELL WHITCOMB, B. S. .... 310 East Church Street  
*Professor of Manual Arts*

B. S., Franklin College, 1900; Diploma in Manual Training, Teachers' College, Columbia University, 1904. Present position since 1906.

BENJAMIN MARSHALL DAVIS, Ph. D. .... The Tallawanda  
*Professor of Agricultural Education and Director of Educational Extension*

B. S., Butler College, 1890; M. S., 1892; Ph. D., University of California, 1906. Present position since 1907.

\*On leave of absence, second semester 1913-14



- ARTHUR LOREN GATES, A. M. .... 119 North University Avenue  
*Professor of Public Speaking*  
 A. B., Northwestern University, 1903; A. M., Columbia University, 1910. At Miami University since 1905.  
 Present position since 1908.
- SAMUEL JACOB BRANDENBURG, Ph. M. .... 430 East Church Street  
*Librarian*  
 A. B., Miami University, 1904; Ph. M., University of Chicago, 1909. Present position since 1909.
- JOHN WALTER HECKERT, A. M. .... 402 East Church Street  
*Professor of Education and Director of the William McGuffey Schools*  
 Ph. B., Hamline University, 1900; A. M., Columbia University, 1905. Present position since 1909.
- CLARENCE EDWIN CARTER, Ph. D. .... 208 North Poplar Street  
*Professor of History*  
 A. B., Illinois College, 1905; A. M., University of Wisconsin, 1906; Ph. D., University of Illinois, 1908. Present position since 1910.
- FRANCES GIBSON RICHARD, A. M. .... The Tallawanda  
*Associate Professor of English*  
 A. B., National Normal University, 1891; A. M., 1893.  
 At Miami University since 1902. Present position since 1907.
- RAYMOND HUGH BURKE, B. S. .... 304 East Church Street  
*Director and Associate Professor of Music*  
 B. S., University of Chicago, 1906. At Miami University since 1906. Present position since 1910.
- JAMES M. O'GORMAN, A. M. .... The Tallawanda  
*Associate Professor of Education*  
 Graduate of Normal College, Oswego. N. Y., 1906;  
 B. S., Columbia University, 1909; A. M., 1910. At Miami University since 1911. Present position since 1913.
- LENA ROSS. .... 112 South Campus Avenue  
*Assistant Professor of Domestic Science*  
 Graduate of Pratt Institute, 1909. At Miami University since 1909. Present position since 1911.
- ETHELWYN MILLER, A. B. .... The Tallawanda  
*Assistant Professor of Art*  
 A. B., Franklin College, 1894; B. S., Columbia University, 1906. At Miami University since 1910. Present position since 1911.

- SARA NORRIS, A. B. .... Hepburn Hall  
*Instructor in Music and Assistant to the Dean of Women*  
 A. B., Oxford College, 1896. Present position since  
 1907.
- NELLIE LOWE NOBLE ..... New Cottage  
*Instructor in Domestic Science*  
 Graduate of Ohio State Normal College, 1910. Present  
 position since 1910.
- MARY BUSHNELL ..... 322 East High Street  
*Instructor in Music*  
 Present position since 1910.
- MILDRED A. SMITH, A. B. .... 322 East High Street  
*Instructor in Physical Education*  
 A. B., Oberlin College, 1909; Diploma in Physical Educa-  
 tion, 1909. Present position since 1912.
- GEORGIA SAYLOR ..... 215 East Church Street  
*Instructor in Drawing and Manual Arts*  
 Graduate of Ohio State Normal College, 1912. Present  
 position since 1913.
- FOREST T. SELBY ..... 115 South Main Street  
*Instructor in Manual Training*  
 Graduate of Ohio State Normal College, 1912. Present  
 position since 1913.

### Student Assistants

- JOHN V. ANKENY ..... *Agricultural Education*  
 LUCILE ALLEN ..... *Geography*  
 HELEN COOPER ..... *Domestic Science*  
 JAMES MOORE ..... *Manual Training*  
 IDA AUGUSTA REINHART ..... *Agricultural Education*  
 ETHEL THURSTON ..... *Geography*  
 J. RAYMOND WARD ..... *Manual Training*  
 J. WARREN SMITH ..... *Manual Training*

### Library Staff

- SAMUEL JACOB BRANDENBURG, Ph. M. .... 430 East Church Street  
*Librarian*  
 A. B., Miami University, 1904; Ph. M., University of  
 Chicago, 1909; University of Illinois Library School  
 1909. Present position since 1909.
- WILLIAM JASPER MCSURELY, D. D. .... 100 South Campus Street  
*Librarian, Emeritus*

- MARIE ALICE HAMMOND, A. B. .... 322 East High Street  
*Assistant Librarian*  
 A. B., Northwestern University, 1906; University of Illinois Library School, 1910. Present position since 1910.
- HELEN ALMY .....  
*Assistant Librarian*
- EFFIE ABRAHAM, A. B. .... 126 East Church Street  
*Assitant Librarian*  
 A. B., Miami University, 1913. Present position since 1913.

### Student Assistants

- |                |                 |                  |
|----------------|-----------------|------------------|
| CARL H. BOGART | MARGARET DEVINE | FRED H. McMILLEN |
| HELEN BRADLEY  | DELLA HARVEY    | JOHN O'HERRON    |

### Teachers in the William McGuffey Schools

- JOHN W. SCHWARZ, A. B. .... 305 South Main Street  
*Principal of the William McGuffey Schools*  
 A. B., Miami University, 1908.
- A. LEE MATHEWS, M. Di., A. B. .... 400 East Church Street  
*Instructor in Sciences, William McGuffey Schools*  
 M. Di., Iowa State Teachers' College, 1906; A. B., 1907.
- VERA VAN BUSKIRK Mathews, A. B. .... 420 East Church Street  
*Instructor in German, William McGuffey Schools*  
 A. B., Indiana University, 1908.
- ANNA WILSON ..... The Tallawanda  
*Critic Teacher*  
 Graduate Ypsilanti State Normal School.
- BLANCHE McDILL, A. M. .... 314 North College Avenue  
*Critic Teacher*  
 B. S., Oxford College, 1899; Graduate Ohio State Normal College, 1910; A. M., Columbia University, 1913.
- ANNA BEISWENGER, B. S. .... The Tallawanda  
*Critic Teacher*  
 Graduate of School of Education, Chicago University.
- MARY DORRELL FINCH, A. B. .... 117 East Walnut Street  
*Critic Teacher*  
 A. B., Miami University, 1907; Graduate Ohio State Normal College, 1906.

- HELEN J. WOODLEY,.....322 East High Street  
*Critic Teacher*  
 Graduate De Kalb State Normal School, De Kalb, Ill.;  
 Graduate student, Columbia University, 1911-12.
- ALICE FREDERICA RAMSEY,.....322 East High Street  
*Kindergarten Teacher*  
 Graduate of Cincinnati Kindergarten Training School.
- MAYME BOTTS,....The Tallawanda  
*Instructor in Art*  
 Graduate of Ohio State Normal College, 1913.

### Additional Officers

- GEORGE SPENCER BISHOP, A. M.....122 South Campus Avenue  
*Secretary of the Board of Trustees and Business Director*
- JULIA ROGERS BISHOP.....400 East High Street  
*Registrar*
- WALLACE PATTISON ROUDEBUSH, A. B.....215 East Church Street  
*Secretary to the President*
- MARIE MARSHALL.....302 South Main Street  
*Executive Clerk*
- MAYE MORRIS, B. L.....122 North College Avenue  
*Assistant to the Business Director*
- ANNA M. CONWAY.....209 North Campus Avenue  
*Secretary to the Dean of the Normal College*
- MRS. CORA WARREN TUDOR.....Bishop Hall  
*Matron*
- MARCELLA DODGE.....Hepburn Hall  
*Assistant Matron*
- MARGARET FOX.....Bishop Hall  
*Resident Nurse*
- JOHN DEVINE.....19 South Poplar Street  
*Chief Engineer*

### Committee of Class Advisers

- CLASS OF 1914—Professors Heckert, Carter, Miller, Burke, and Ross.
- CLASS OF 1915—Professors Logan, Miller, O'Gorman, Burke, and Ross.
- MANUAL ARTS—Professor Whitcomb.
- AGRICULTURE AND HOUSEHOLD ECONOMICS—Professors Davis and Ross.



### Standing Committees of the Faculty

ENTRANCE CREDITS AND ADVANCED STANDING—Feeney, Whitcomb, Burke, Richard.

COURSE OF STUDY AND STANDING OF STUDENTS—Heckert, Feeney, Carter, Hoke, Whitcomb.

SOCIETIES AND STUDENT ORGANIZATIONS—Logan, Ross, Saylor.

ENTERTAINMENT AND PUBLIC EXERCISES—Miller, Bushnell, Norris.

CONDUCT AND PHYSICAL WELFARE—Smith, Logan, Mathews.

EXTENSION WORK, TEACHERS' ASSOCIATIONS, AND PUBLICATIONS—Davis, Whitcomb, Logan, Schwarz.

FACULTY DISCUSSIONS—O'Gorman, Richard, Noble.

# The Ohio State Normal College

## Location

THE Ohio State Normal College of Miami University is located at Oxford, Ohio, on the Chicago Division of the Cincinnati, Hamilton, and Dayton Railroad, fourteen miles from Hamilton and forty miles from Cincinnati.

In beauty and healthfulness of surroundings, the location is unsurpassed. The ground is high and rolling, with an elevation of 1,000 feet above sea level; and the atmosphere is unusually clear and pure. The campus of the University, comprising about sixty-five acres, is justly famed for its beauty.

Oxford is a quiet college town with a population of about 2100. It has an excellent graded school system, with an accredited high school as part of the system. The following religious denominations have churches, in which regular services are held: Methodist, Presbyterian, United Presbyterian, Catholic, and Episcopal. The town is supplied with thoroughly modern electric light plant, water works, and sewer system. During the past nine years, no licenses have been issued for the sale of alcoholic beverages; and the absence of saloons and low resorts makes the environment especially wholesome for college students.

## History

THE Ohio State Normal College of Miami University was established in 1902, after a long period of agitation on the part of various educational organizations.

As early as 1817, Governor Worthington recommended state schools for the training of teachers. Teachers' associations and educational bodies of Ohio passed resolutions in favor of state normal schools at almost every meeting. The State

Teachers' Association agreed to make an annual contribution to maintain a normal school provided that the State would appropriate a stipulated sum annually. The State commissioners of common schools made the recommendation for state normal schools a perpetual paragraph in their reports to the Governor for fifty years, but Ohio had many colleges and two private normal schools which were supplying teachers for the schools, and the legislature was slow to assume this important duty for the State.

Commissioner Bonebrake made the establishment of normal schools the feature of his administration. His first bill, providing for four normal schools, was defeated; but on March 12, 1902, the Assembly provided: "That there be and are hereby created two normal schools," one to be located "in connection with Miami University at Oxford," which Normal School "shall be co-ordinate with existing courses in said University, and shall be maintained in such state of efficiency as to provide proper theoretical and practical training for *all students desiring to prepare themselves for the work of teaching.*"

In September, 1902, the Board of Trustees of the University admitted students to the courses of study established in accordance with the provisions of the act. The College is organized to furnish the public schools of the State with efficient teaching staffs, and to promote the interests of public education.

## Buildings

**DORMITORIES FOR MEN.** There are two dormitories for men; North Dormitory erected in 1825, and South Dormitory erected in 1836. Two years ago, both buildings were completely remodeled and refinished. They are lighted by electricity, heated by steam, and are provided with bath rooms—one for every eight students. The two dormitories are divided into five halls, each containing accommodations for twenty-four men, and each provided with a separate entry. The halls are named after former professors in the University. In the North

Dormitory are the Elliott and Stoddard Halls; in the South Dormitory are the MacFarland, Swing, and Johnson Halls. The men of the freshman class room in these dormitories.

**DORMITORIES FOR WOMEN.** Two dormitories for women students of the University have been erected, Hepburn Hall in 1905, and Bishop Hall in 1912. Both buildings are completely modern in all of their appointments. Hepburn Hall has rooms for ninety-six women and boarding facilities for one hundred and thirty. It was named in honor of Andrew Dousa Hepburn, now Professor emeritus of English, who served the University with distinction for thirty years. Bishop Hall has accommodations for one hundred and four. It was named in honor of Robert Hamilton Bishop, the first President of the University. One-half of the rooms in the two halls are allotted to the young women of the College of Liberal Arts and the other half to the young women of the Normal College. Students are given rooms in the order of application.

Besides these halls, additional quarters for women have been provided in several cottages established under University patronage. The accommodations and cost are the same as for residence in the halls. These cottages all face the campus and their occupants come to the Hepburn Hall dining room for board.

**THE NORMAL COLLEGE BUILDING**, the South Pavilion of which was erected in 1909, is especially designed for professional work and training. It illustrates the best modern school-house construction, arrangement, heating, and ventilation. Its equipment is entirely modern. The work of the department of agriculture and of the William McGuffey practice schools is carried on in this building. The Legislature of 1913 appropriated money for the erection of the North Pavilion of this building, and work on it began in the spring of 1914.

### Athletic Grounds

**THE MIAMI ATHLETIC FIELD** is only a short distance from the Gymnasium; it is really a part of the campus. It



comprises a football field, a baseball diamond, a quarter-mile running track, and pits for pole vaulting and jumping. Men of the University find it a convenient place for athletic contests.

THE TENNIS COURTS, eleven in number, are all on the campus. The women students of the University have exclusive use of five of these courts.

THE HOCKEY GROUNDS AND ARCHERY COURT, for women students, are laid out near the Library Building.

An athletic field of four acres for the women has recently been purchased and is being developed as rapidly as possible. It is located within a square of the women's halls of residence.

### Laboratories and Apparatus

AGRICULTURE AND NATURE-STUDY. The department of agriculture and nature-study is equipped with particular reference to training teachers to give instruction in these subjects in elementary and secondary schools. In addition to three well-appointed laboratories, a green-house, and a large school garden, there are several plots for experimental work in plant-breeding, in fertilization, and in practical forestry,—about forty acres in all.

The department maintains, also, a quail-run for experimentation in the problem of preventing the extermination of quail.

HOUSEHOLD ECONOMICS. The laboratory of the department of household economics is on the third floor of Main Building. The equipment represents what the teachers of domestic science in the public schools may reasonably expect to have to work with. In cookery, each student's working outfit consists of a table, a two-burner electric stove, and a locker containing all necessary utensils. The laboratory is provided with kitchen ranges, refrigerator, store rooms, and the usual dining-room furniture. The serving room is furnished with convenient and attractive tables, with lockers, and with the best make of sewing machines.

**GEOGRAPHY.** The laboratory of the department of geography is on the second floor of Brice Hall. It will accommodate twenty-four students. The lecture-room will accommodate one hundred. The department has a commodious office and a dark room, both opening into the laboratory. The equipment consists of a large collection of maps, relief models, photographs, pictures, and lantern slides.

**MANUAL TRAINING AND DRAWING.** The manual training rooms are on the first floor and in the basement of the east wing of the Main Building.

The wood-working shop is provided with twenty large and modern double benches, each with its tool cabinet and drawer for students' work. All the general tools needed are included in this equipment. A gasoline engine furnishes power for the following wood-working machines; turning lathes, combination rip and cross-cut saws, joiner, and planer. For the metal-working courses, forges, anvils, vices, hammers, and other small tools are provided. A very large pottery kiln recently has been installed, making possible a variety of experiments in this use of clay in the schools. Both the mechanical and freehand drawing rooms are well equipped with tables, easels, stools, boards, instruments, and models.

## The Library

**THE UNIVERSITY LIBRARY** contains about 45,000 volumes. The libraries of the two literary societies for men, housed in the Library Building, contain about 1500 volumes additional. For the maintenance and enlargement of the library, the State Legislature makes a liberal appropriation annually. The library is particularly rich in American political history and in the records of the United States and of the State of Ohio. During the past year the University has been placed under obligation to alumni and others for several valuable gifts, most important of these being the Covington Library of Ohio Valley History.

Students may draw from the library three volumes at a time, and these may be kept two weeks unless specially restricted. Unless there is other demand, books may be renewed. Persons not members of the University are allowed to take books from the library at the discretion of the librarian.

The book stacks are not open to the students in general or to the public; but cards of admission may be given by the librarian on recommendation of an officer of instruction.

The library is open every week day when the University is in session, from 7:30 a. m. to 9:30 p. m. The reading rooms are open for general reading also on Sunday afternoons between 2:30 and 5:30, save on the day on which occurs the monthly University service. During vacations the library is open from 8:00 to 12:00 a. m. and from 1:00 to 5:00 p. m. except on Saturday afternoons and legal holidays.

### The William McGuffey Schools

The William McGuffey Schools occupy the south pavilion of the Normal Building, and are established to illustrate the best modern school organization and method of instruction. They comprise the kindergarten and twelve years of elementary and secondary school, six years for elementary education and six years for secondary or high school education. Regular critic teachers have charge of the pupils under the direction of the Principal and Director.

These schools serve as model and experimental schools and are used for practice by the student teachers. In this way, the practice and observation are amid real school conditions. All the problems of the public schools must be met and solved in the course of each student's term of practice. The practice schools include all the eight grades of the elementary schools, a kindergarten, and special class instruction in household economics, drawing, manual training, and music.



## Fees and Expenses

NO charge for tuition is made in any of the courses. An incidental fee of \$7.50 a semester, payable at the beginning of the semester, is required of students in the Normal College. *No deduction or rebate is granted from payments made for a semester on account of late entrance, subsequent absences, or withdrawal.*

## Board and Rooms

The University Commons, the dining hall for men, is on the second floor of the west wing of the Main Building. The dining halls for women are in Hepburn Hall and Bishop Hall. All dining halls are under the management of the University. They are directed by competent University officials, and are conducted without the idea of profit and for the purpose of providing good wholesome food at the lowest possible cost. The dining rooms are commodious, neat, and attractive; the service is excellent. Board at the University Commons is furnished for \$2.75 a week, payable in advance.

Meals may be had in private boarding houses at \$3 to \$4 a week. For several years, co-operative clubs have furnished board for somewhat less than \$3. In general it may be stated that the cost of living in Oxford is very moderate. In every case, more depends upon the student's habits and tastes than upon the village, and legitimate expenditures may be brought within \$250 for expenses of every kind during the collegiate year. A considerable number find their total expenses not more than \$200, and there are students who go through the college year for less.

The rooms in the dormitories for men are of two sizes, the smaller ones renting for \$22.50 and the larger, arranged for two men, for \$45 a semester, payable at the beginning of each semester. An additional charge of \$1.25 a semester is made for laundry of sheets and pillow cases. This



charge includes heat, light, and janitor service. The rooms are completely furnished with the exception of curtains and towels, which the students must provide for themselves.

In the dormitories for women, two students are assigned to a room, and the price charged is \$3.75 a week each. This charge includes board, room, light, heat, and necessary service. Rooms are furnished with the exception of sheets, pillow-cases, curtains, and towels, which the students must provide for themselves. An additional charge of \$1.00 is made for the laundry of sheets and pillow cases. The dormitories are equipped with modern laundries, where women students, if they choose, may do their own laundry work. For the summer term, the charges are \$3.50 a week for each student. The halls are cared for by competent house-keepers. The Dean of Women and the Assistant to the Dean preside over the interests of all the young women students living in or out of the dormitories and cottages, and all women students are subject to their authority.

## Diploma Fee

A diploma fee of \$3 is charged to all students who are graduated from the Normal College.

## SUMMARY OF EXPENSES

The expenses which are directly connected with the University are, therefore, as follows:

Incidental fee, a semester.....	\$7 50
Laboratory fees, for whole year.....	6 00 to 10 00
Rent of room for men in the dormitories, a semester.....	22 50
Board at University Commons, a week.....	2 75
Board and room for women in dormitories or in the cottages, a week.....	3 75

NOTE 1. A fee of \$1 is required of all students who register after the regular date of registration.

NOTE 2. A fee of \$1 is required of all students who take second or special examinations. No fee is required for entrance examinations.

## Courses of Study

THE courses of study offered by the Normal College are the following:

I. A four-year course leading to the degree of Bachelor of Science in Education for teachers of agriculture and of manual training.

II. Two-year courses leading to the State Normal diploma for the following teachers:

- A. Regular grade teachers.
- B. Special teachers of manual training.
- C. Special teachers of public school drawing.
- D. Special teachers of public school music.
- E. Special teachers of household economics.
- F. Special teachers of rural industrial education.

Arrangements have been made whereby students desiring to prepare in public school music and public school drawing may combine Courses C and D in such a way as to complete the combination courses in two years and receive a diploma.

III. One-year course for holders of a Bachelor's degree who desire to take professional preparation for either elementary or secondary school teaching.

IV. One-year course for students who desire to fit themselves in one year for the rural school positions. The first year of Course A, with work in agriculture and nature-study substituted for some three-hour subject in this course is well adapted to this purpose.

Those interested are urged to send for the Supplement to this Bulletin, describing the courses organized to conform to the new School Law of 1914.

## Requirements for Graduation

### Degree

THE degree of Bachelor of Science in Education is conferred upon those students who complete 124 semester hours of work in either the department of agricultural education or the department of manual training.

### Diploma

The Normal College diploma is conferred only upon those students who possess the capacities and the physical and moral qualities necessary to make efficient and progressive teachers; who earnestly and consistently endeavor to prepare themselves for teaching; who give satisfactory evidence of skill in teaching; and who complete one of the two-year courses of study specified for the Normal College. This involves the satisfactory completion of sixty-four semester hours of undergraduate work.

Holders of the State Normal diploma for regular grade teachers are admitted as juniors to the courses of the College of Liberal Arts leading to the degree of Bachelor of Arts, provided that the fifteen units required for entrance to the College of Liberal Arts have been satisfied.

## Miscellaneous Information

### Terms and Vacations

THE college year is divided into semesters. For the college year 1914-15, the first semester begins on Tuesday, September 15; the second semester begins on Saturday, January 30.

Thanksgiving Day is a holiday.

The Christmas recess begins at 4:00 p. m. on December 23, and ends at 10:30 a. m. on January 5.

The spring recess for 1915 begins at noon on Thursday, April 1, and continues until 10:30 a. m. on the Wednesday following.

Washington's Birthday is observed as a holiday.

A summer term of eleven weeks is held each year, beginning on Tuesday after Commencement. The term is divided into two sessions, the first continuing for six weeks with five recitations a week, and the second continuing for five weeks with six recitations a week.

### Class Attendance

Strict attendance upon all college exercises is required. When the student's absences, however few in number, interfere with the satisfactory performance of his work, he will be called before the Dean of his college to give explanation. Under the Dean's recommendation, any student delinquent in this respect may be called before the University Senate, and shall be liable to suspension.

An absence from class occurring on any one of the three days immediately preceding or immediately following a vacation period counts the same as three absences at other times.

Parents living at short distances from Oxford are urged not to interfere with the work and progress of the students, by encouraging or by permitting frequent visits home.

### Examinations

Regular examinations are held at the close of each semester, and are conducted chiefly in writing. At the close of the year, the final examination may embrace the subject of study for the entire year. In addition to these regular examinations, partial examinations and written recitations are held from time to time during the year, with or without previous notice to the students, at the discretion of the instructor.

Special examinations to remove conditions are held at stated intervals. They may be taken only on the days speci-



fied. For each special examination a fee of one dollar is charged, payable in advance at the Treasurer's office.

All examinations are conducted under the honor system.

### Participation in Outside Activities

Students are limited in the number of outside activities in which they may participate. For the purpose of convenience, each activity is weighted a certain number of points for each term, and no student may engage in activities beyond a specified number of points.

### Medical and Sanitary Supervision

One of the principal objects of the Department of Physical Education is the early detection of all those influences which affect the health of the students. All freshmen and sophomores are examined in the fall and spring of the college year in order to discover the presence of any condition which may be working against the health interest of the individual or his associates.

The examinations are much like those made by any careful physician. In addition to securing a record covering the important hygienic and other health factors bearing on his past life, there is an examination of eyes, nose, throat, teeth, heart, lungs, and such other special conditions as appear necessary. After his examination each student is given such advice as seems necessary and appropriate for formulating intelligently his own policy of personal health control.

If there is a physical condition found that appears to need treatment, the fact is entered on a card and sent to the parent with the request that the card be referred to the family physician. The best results are secured by seeking the cooperation of the parents in matters concerning the health of our men and women students.

All individuals needing medical treatment are advised by the Department and the treatment is carried out with the

assistance of the college nurse, who devotes her time to the medical needs of the students.

The Department inquires from time to time into all institutional influences which are likely to affect the health of the students. The Director of Physical Education is the Health Officer of the University, and, with the assistance of the college nurse and the Professor of Bacteriology, exercises every reasonable effort to make the institution safe and attractive to the clean and healthy student.

### University Publications

The official publication of the University is *The Miami University Bulletin*. It is issued monthly throughout the year.

In this series appear the annual catalogue of the University, the announcement of the Summer Term, the President's Report to the Board of Trustees, and the Alumni News Letters. The remaining issues are devoted to monographs by members of the faculties.

A flourishing weekly periodical, *The Miami Student*, is maintained by the students of the University; and the junior class publishes each year an attractive college annual, *The Recensio*. The offices of the student publications are in the Main Building.

### University Services

Special religious services are held in the University Auditorium on the afternoon of the third Sunday of each month, at two-thirty o'clock. At these services, a sermon is preached usually by some clergyman from outside of town.

The University preachers from February, 1913, to February, 1914, were the following:

The Reverend Titus Lowe, Methodist Episcopal Church, Cedar Falls, Iowa.

The Reverend Herbert Lockwood Willett, Ph. D., The University of Chicago, Chicago, Illinois.

The Reverend I. J. Lansing, of Ridgewood, N. J.

The Reverend Austin Rice, First Congregational Church, Wakefield, Mass.

The Reverend William Henry Hutchins, Oberlin Theological Seminary, Oberlin, Ohio.

The Reverend Thomas H. Hanna, Jr., United Presbyterian Church, Bloomington, Indiana.

The Reverend J. Beveridge Lee, Presbyterian Church, Philadelphia, Pa.

### Special Lectures and Entertainments

During each college year, a number of special lectures and entertainments are given at the University. These are of varied nature to suit the individual tastes of as large a public as possible. Some of the entertainments are given under the auspices of the Union Lyceum Committee, composed of representatives from the village of Oxford, the Western College for Women, the Oxford College for Women, and Miami University. Other entertainments are given under the auspices of the various departments of the University.

The list of lectures and entertainments given from February, 1913, to February, 1914, includes the following:

Professor Samuel Ball Platner, Western Reserve University. Archaeological Lecture, "The Roman Campagna."

Ye Merrie Players, Miami University. Mid-Year Play, "The Servant in the House," by Charles Rann Kennedy.

Le Cercle Francais, Miami University. "L'Anglais tel qu'on le parle," by Bernard.

The Classical Club, Miami University. Scenes from "The Frogs," Aristophanes.

Miss Sara Norris, Miami University. Organ Recitals.

The Classical Club, Miami University. "A Roman School," by Susan Paxson.

Eugen Ysaye, Violinist. Concert.

The Reverend Walter Lowrie, Rome, Italy. Archaeological Lecture, "Constantine the Great."

Professor G. W. Hoke, Miami University. Illustrated Lecture on Japan.

The Miami University Glee Club. Concert.

Lecture on Brazil. (Y. M. C. A.)

Wagner Centennial.

The Sophomore Normal Class, Miami University. "Prunella," by Barker and Houseman.



- The Senior Liberal Arts Class, Miami University. "The Importance of Being Earnest," by Oscar Wilde.
- His Excellency, Governor James M. Cox. Commencement Address.
- Mrs. Mansur Oaks. Song recital. Children's songs.
- Henry Oldys. Lecture, "Bird Notes."
- F. P. Search, Cello Recital.
- The Ben Greet Players. "As You Like It" and "The Tempest."
- The Orpheans. Song Recital.
- O. T. Corson. Lecture, "Personality as a Factor in Teaching."
- George D. Strayer. Lecture, "Education as a Problem."
- J. J. Cox. Illustrated Lecture on Spain.
- Professor E. E. Brandon, Miami University. Lecture on Mexico.
- Sigma Chi Convention.
- The Kneisel String Quartette. Concert.
- Seumas MacManus. "Irish Folk-lore."
- Superintendent Van Cleve, Columbus State School for the Blind. Lecture, "Saving Sight and Saving Citizens."
- The Classical Club, Miami University. The "Trinumus" of Plautus.
- The New York Symphony Orchestra. Mr. Walter Damrosch, Director. Concert.
- Professor H. R. Cross, University of Michigan. Illustrated lecture "Praxiteles."
- The Madrigal Club, Miami University. Concert.

## Requirements for Admission

CANDIDATES for admission to the Ohio State Normal College must be possessed of good health, good moral character, a serious attitude toward teaching, and such scholastic attainments as will satisfy either Entrance Requirements A or Entrance Requirements B.

Experienced teachers holding a good grade of certificate who give evidence of ability to do the work, may enter the freshman class, but must satisfy the entrance requirements before graduation.

Students entering with deficiencies in entrance requirements may by special permission of the faculty, upon exhibiting exceptional ability, satisfy such deficiencies by carrying additional work during the second semester of the freshman year. It is strongly recommended, however, that deficiencies in entrance credit be made up as far as possible during the summer term.



## Entrance Requirements A

Graduation from a first-grade high school in Ohio or from a high school of similar grade in other states.

## Entrance Requirements B

Fifteen units of high school work, a unit being considered as a course of study covering a school year of not less than thirty-six weeks, with five recitation periods a week of at least forty minutes each.

### I. The following nine units are required:

English .....	3	Physics or chemistry, with laboratory work.....	1
History.....	1	Latin, Greek, French, or German.....	2
Algebra to quadratics.....	1		
Plane geometry.....	1		

The six additional units must be selected from the following:

Algebra through progressions..	$\frac{1}{2}$	Civics.....	$\frac{1}{2}$
Beginner's Latin.....	1	Medieval or modern history....	$\frac{1}{2}$
Cæsar .....	1	Chemistry or physics, with laboratory work.....	1
Cicero's Orations.....	1	Botany, zoölogy, or biology, with laboratory work.....	1
Virgil .....	1	Physiography .....	$\frac{1}{2}$
Elementary French.....	1	Physiology .....	$\frac{1}{2}$
Second year French.....	1	Solid geometry.....	$\frac{1}{2}$
Elementary German.....	1	Manual training .....	$\frac{1}{2}$ or 1
Second year German.....	1	Drawing.....	$\frac{1}{2}$ or 1
Greek and Roman history....	$\frac{1}{2}$		
U. S. History.....	$\frac{1}{2}$		
Elementary agriculture....	$\frac{1}{2}$ or 1		

### II. Ten units are required as follows:

1. Three units in English
2. Seven units from the following groups:
  1. Greek and Latin
  2. Modern language other than English
  3. Ancient history, medieval and modern history, English history, United States history, Civics, Economics
  4. Mathematics
  5. Physics, Chemistry, Botany, Zoology, General Biology, Physiography, General Astronomy.

NOTE. In addition to the 15 units prescribed above, musical ability and some technical skill with voice and piano are required for entrance to the course in music.

The seven units must be taken as follows:

- a. Three or more units must be selected from *one* of the groups: if from group one or group two, the three units must be in *one*, *language*; if from group five, neither physics nor chemistry can be offered in less amount than a unit.
- b. Two or more units must be selected from another single group under the same conditions governing the selection of the three units.
- c. Two units in subjects selected from any of the groups.

Five additional units from any subject accepted by an approved high school for its diploma.

## Extension Work for the Public Schools

THE Normal College desires to be of the greatest possible service to the public schools of the state, and has arranged for extension work as follows:

### Visits of Professors

Upon application, the Normal College will form centers of extension work, and will send professors to visit the schools to advise with teachers as to the best methods of conducting the work in special subjects, suggesting equipment and laboratory exercises, to conduct round-table conferences with groups of teachers, and to deliver lectures to teachers, pupils, and patrons.

The following departments are prepared to make visits:

Education	Agricultural Education
Methods	Nature-Study
Elementary Mathematics	Music
Geography	Drawing
History	Manual Training
English	

Sometimes these visits can be arranged without cost to the schools visited, but usually the expenses are to be borne by them.

Schools desiring these visits should write to the Dean.

## Lending Lantern Slides and Laboratory Material

The Normal College is prepared to lend to schools sets of lantern slides upon school improvements, geography, nature-study, travel, etc., and to send collections, specimens of field crops, and various other kinds of illustrative material for instruction in agriculture and nature-study.

In all such cases the school making the request will pay transportation.

Schools desiring such slides, specimens, etc., should address Teachers' Aid Bureau, Miami University, Oxford, Ohio.

A copy of the *Miami University Bulletin* of January, 1911, containing a list of all slides and specimens available, will be sent upon request.

Conspectus of Four-Year Courses

A. Special Teachers of Manual Arts

First Year

(Required for all)

General Chemistry (Chemistry 1 or 2).....	8
Object Drawing and Sketching (Dr. 113).....	2
Elementary Design (Dr. 118)..	2
Rhetoric and Composition.....	
(Eng. 1).....	6
Freshman Lecture.....	1
Woodworking (Manual Training 114).....	6
Trig., Analytics and Shop Math. (Math. 113).....	4
Physical Education.....	2
Electives.....	2

Credits required first year.... 33

Third Year

(Required for all)

Psychology; Principles of Teaching (Ed. 111).....	6
(Required for Major in Woodworking)	
Architectural Drawing (Drawing 122 a).....	3
Building Construction (Manual Training 116b).....	3
(Required for Major in Metal-working)	
Forging; Bench Metal-work (Manual Training 119).....	6
(Required for Major in Mechanical Drawing)	
Advanced Object Drawing and Sketching (Dr. 116).....	2
Architectural Drawing (Drawing 122a).....	3
Building Construction (Manual Training 116b).....	3
(Elective for all)	
Modern Language recommended.....	8
Other electives.....	8 to 10

Credits required third year 30

Second Year

(Required for all)

Mechanical Drawing (Dr. 114)	6
Constructive Design (Dr. 123).	2
Economic History of the U. S. (Hist. 113).....	4
Cabinet-making (Man. Tr. 117)	6
Physical Education.....	2
General Physics (Physics I or 2)	8
Elective.....	3

Credits required second year 31

Fourth Year

(Required for all)

Descriptive Geometry (Dr. 119b)	3
History of Education (Ed. 115)	4
Organization of Manual Arts (Man. Train. 120).....	4
Teaching Manual Arts (Manual Train. 121).....	2
School Systems (Sch. Adm. 114)	4
(Required for Major in Wood-working)	
Wood turning; Pattern-making (Man. Train. 115).....	6
(Required for Major in Metal-working)	
Machine Design (Dr. 119a)....	3
Wood-turning; Pattern-making (Man. Train. 115).....	6
Art Metal; Sheet Metal (Man. Train. 118b).....	3
(Required for Major in Mechanical Drawing)	
Machine Design (Dr. 119a)....	3
Art Metal; Sheet Metal (Manual Train. 118b).....	3
(Elective for all)	
Modern Language recommended.....	8

Credits required fourth year 30



1. After the second year, opportunity is offered for some specialization in wood-working, metal-working, mechanical drawing, or art and hand-work (course to be arranged).
2. No student is permitted to take more than one-half of his course in drawing and manual training.
3. A student desiring to teach after two years' work will note the statement on page 31.

## B. Special Teachers of Agriculture

(Rural industrial education for township superintendents and for principals and science teachers of high schools in agricultural communities.)

### First Year

General Botany (Botany 1)...	8
Psychology, Child-study, Principles of Teaching and Methods (Education 111).....	6
Freshman English (English 1)	6
Modern Language (German, French, or Spanish 1).....	8
Freshman Lecture.....	1
Physical Education.....	2

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### Second Year

Plant Propagation and Soil Fertility (Agricultural Education 114a).....	3
Plant and Animal Improvement (Agricultural Education 114b)	3
Dendrology (Botany 2).....	4
Modern Language (German, French, or Spanish 2).....	8
Wood-working (Manual Training 114a).....	3
Building Construction (Manual Training 116b).....	3
Principles of Sociology (Sociology 1).....	6
Physical Education. ....	2

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### Third Year

Animal Nutrition (Agricultural Education 115a) .....	3
Domestic Animals (Agricultural Education 115b).....	3
Trigonometry, Analytics, and Shop Work Mathematics (Mathematics 113).....	4
Mycology (Botany 3a).....	3
Plant Pathology (Botany 4b)..	4
Labor Problems (Sociology 3a).	3
Rural Communities (Sociology 3b).....	3
Mechanical Drawing (Drawing 114a).....	3
Modern Educational Tendencies (Education 115).....	2
Economic History of U. S. (History 113).....	4

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### Fourth Year

Problems in Rural Education (Agricultural Education 116)	2
Forging (Manual Training 119a)	3
Bench Metal Work (Manual Training 119b).....	3
Entomology (Zoology 7).....	8
School System and Administration (School Administration 14).....	4
Elective.....	9

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## Conspectus of Two-Year Courses

### A. Regular Grade Teachers

#### FIRST YEAR

##### First Semester

Drawing III.....	1
Education III.....	3
English III.....	3
Geography III.....	3
History III.....	3
Mathematics III.....	3
Music III.....	$\frac{2}{3}$
Physical Education.....	$\frac{2}{3}$
	<hr/>
	17 $\frac{1}{3}$

##### Second Semester

Drawing III.....	1
Education III.....	3
English III.....	3
Geography III.....	3
History III.....	3
Mathematics III.....	3
Music III.....	$\frac{2}{3}$
Physical Education.....	$\frac{2}{3}$
	<hr/>
	17 $\frac{1}{3}$

#### SECOND YEAR

##### First Semester

{ Agricultural Education Nature-Study Physiology II2 }	3
Education II2.....	2
Manual Training II2..	1
Music II2.....	$\frac{2}{3}$
{ Public Speaking or School Administration }..	2
II2	
Sociology (Education II6)...	1
Teaching II2.....	3
Training II2.....	2
	<hr/>
	14 $\frac{2}{3}$

##### Second Semester

{ Agricultural Education Nature-Study Physiology II2 }	3
Education II2.....	2
Manual Training II2.....	1
Music II2 .....	$\frac{2}{3}$
{ Public Speaking or School Administration }..	2
II2	
Sociology (Education II6)...	1
Teaching II2.....	3
Training II2.....	2
	<hr/>
	14 $\frac{2}{3}$

### B. Special Teachers of Manual Arts

Upon the approval of the professor of Manual Arts, and under his direction, a group of studies amounting to two years' work may be selected from the four-year course in Manual Arts (see page 29), upon the satisfactory completion of which a Normal College diploma for special teacher of Manual Arts will be granted.

## \*C. Special Teachers of Public School Drawing

First Year		Second Year	
Object Drawing and Sketching (Dr. 113).....	4	Textiles (Domestic Science 115a).....	2
Elementary Design (Dr. 115)...	6	Mechanical Drawing (Dr. 114a)	3
Art Appreciation (Dr. 117)....	4	Advanced Object Drawing and Sketching (Dr. 116).....	2
Psychology; Principles of Teaching (Ed. 111).....	6	Theory and Organization of Art Teaching (Dr. 120).....	2
Composition and Literature (Eng. 111).....	6	Teaching Art (Dr. 121).....	2
Paper and cardboard; Bookbinding (Man. Tr. 113).....	4	Advanced Design (Dr. 124)....	6
Physical Education.....	2	History of Education (Ed. 115)	4
	—	Pottery (Man. Tr. 113).....	4
Credits required first year..	32	School Organization (Sch. Adm. 112b).....	2
		Electives .....	5
		Credits required second year	32

## \*D. Special Teachers of Public School Music

## FIRST YEAR

First Semester		Second Semester	
Music 111.....	2½	Music 111.....	2½
Music 112.....	2	Music 112.....	2
Music 115.....	2	Music 115.....	2
Music 117.....	2	Music 117.....	2
Education 111.....	3	Education 111.....	3
English 111.....	3	English 111.....	3
Drawing 111.....	1	Drawing 111.....	1
Physical Education.....	2/3	Physical Education.....	2/3
	16		16

## SECOND YEAR

First Semester		Second Semester	
Music 113.....	3	Music 113.....	3
Music 114.....	3	Music 114.....	3
Music 116.....	2	Music 116.....	2
Music 118.....	2	Music 118.....	2
Music 120.....	2	Music 120.....	2
Education 112.....	2	Education 112.....	2
Public Speaking 112.....	2	School Administration 112.....	2
	16		16

\*With the approval of the Dean a combination of these two courses may be made so that a Diploma in Music and Drawing may be secured in three years.

NOTE: No special fees are charged for any of the music courses. The following rental fees for the use of instruments, however, are required:

Piano: \$4 a semester, one hour each day.

Pipe organ: \$7.50 a semester, one hour each day.

Extra hours *pro rata*.

## E. Special Teachers of Household Economics

### FIRST YEAR

#### First Semester

Agricultural Education 113....	3
Chemistry 11.....	4
Household Economics 114....	2
Household Economics 115....	2
Drawing 118 .....	1
Education 111.....	3
English 111.....	3
Physical Education.....	$\frac{2}{3}$
	<hr/>
	18 $\frac{2}{3}$

#### Second Semester

Chemistry 11.....	4
Household Economics 113....	3
Household Economics 114....	2
Drawing 118.....	1
Education 111 .....	3
English 111.....	3
Physical Education.....	$\frac{2}{3}$
	<hr/>
	16 $\frac{2}{3}$

### SECOND YEAR

#### First Semester

Chemistry 12.....	3
Household Economics 116....	2
Household Economics 117....	3
Household Economics 120....	2
Household Economics 121....	1
Drawing 122 .....	1
Education 115.....	2
School Administration 112....	2
	<hr/>
	16

#### Second Semester

Agricultural Education 113....	4
Household Economics 116....	1
Household Economics 117....	2
Household Economics 118....	2
Household Economics 119....	2
Household Economics 120....	2
Household Economics 121....	1
	<hr/>
	14

## F. Rural Industrial Education

(For township superintendents, principals, and science teachers in agricultural communities)

Upon the approval of the professor of Agricultural Education, and under his direction, a group of studies amounting to two years' work may be selected from the four-year course in agriculture, upon satisfactory completion of which a Normal College diploma for special teacher in Rural Industrial Education will be granted.



## Courses of Instruction

THE following pages give the list of courses offered in the Ohio State Normal College of Miami University. All of the courses, with very few exceptions, are given every year.

Courses designated by numbers only are year courses and must be taken in their entirety to secure credit. Courses designated by numbers and letters both are half-courses, continuing through one semester only. Courses designated by *a* are offered during the first semester; courses designated by *b* are offered during the second semester.

Unless otherwise stated, the number of recitations a week is the same as the number of hours credit.

During the summer vacation is issued a printed schedule giving complete information as to instructors, sections, days, hours, and rooms for the courses offered for the ensuing year. This schedule will stand from year to year subject only to necessary modifications. In case of small elective classes, instructors will make temporary changes to meet the exigency. Students may rely on the printed schedule in arranging their work. It may be had on application.

### Agricultural Education and Household Economics

BENJAMIN MARSHALL DAVIS, Ph. D., Professor

LENA ROSS, Assistant Professor

NELLIE LOWE NOBLE, Instructor

JOHN V. ANKENY, Assistant

HELEN COOPER, Assistant

IDA REINHART, Assistant

#### Agricultural Education

- 112a. PHYSIOLOGY. Emphasis is placed upon important life processes as related to intelligent care of the human body. Much attention is given to school hygiene and sanitation. The subject is presented chiefly by means of laboratory experiments, many of which may be adapted by teachers for use in elementary schools. One lecture and two laboratory periods a week. First semester. Three hours credit. Mr. Davis and Assistant.
- 112b. NATURE STUDY. Methods and aims of subject. Illustrations are selected with special reference to their availability and importance for instruction in elementary schools. The course in-

cludes study of common birds, insects, trees, etc. Considerable attention is given to school-garden plans and practice. One lecture and two laboratory periods a week. Second semester. Three hours credit. Mr. Davis and Assistant.

113. **HOUSEHOLD BIOLOGY.** First semester.—Study of life processes with particular reference to the human body. (See 112a.) One lecture and two laboratory periods a week. Three hours credit. Second semester.—Applied biology dealing with bacteria, molds, yeasts, and other common organisms met with in daily life. Two lectures and two laboratory periods a week. Four hours credit. Mr. Davis and Assistant.
- 114a. **PLANT PROPAGATION AND SOIL RELATIONS.** Propagation and care of plants based upon principles of physiology of plant growth. Noxious weeds. Relation of plant to soil, including principles of soil fertility. One lecture and two laboratory periods a week. First semester. Three hours credit. Mr. Davis and Assistant.
- 114b. **ANIMAL AND PLANT IMPROVEMENT.** Biological principles of animal and plant improvement. Management of breeding plots. Laboratory and field study of field crops. Two lectures and one laboratory period a week. Second semester. Three hours credit. Mr. Davis and Assistant.
- 115a. **ANIMAL NUTRITION.** Animal physiology with especial reference to nutrition (rations and feeding). Three recitations a week. First semester. Three hours credit. Mr. Davis.
- 115b. **DOMESTIC ANIMALS.** Classification of domestic animals; history and development of various types; stock judging. Three lectures or demonstrations a week. Second semester. Three hours credit. Mr. Davis.
116. **RURAL EDUCATION.** Seminar work on various problems and current practices in rural education. One evening weekly throughout the year. One hour credit. Mr. Davis.

### Household Economics

- 113b. **ELEMENTARY SEWING.** The fundamental principles of drafting and cutting patterns from measurements. The making of simple garments from original designs. The use and care of machines. Students furnish most of the material they use. One lecture and eight hours sewing a week. Drawing 118a is prerequisite, and Drawing 118b must be taken as a parallel course. Fee for material, \$1. Second semester. Three hours credit. Mrs. Noble and Assistants.

114. **ELEMENTARY COOKERY.** A systematic study of the principles and methods involved in the preparation of food. The composition, production, manufacture, and physiological value of the food stuffs of the world are considered. Fee for material, \$3. One lecture and three hours laboratory work a week. Two hours credit. Miss Ross.
- 115a. **TEXTILES.** The production, properties, preparation, and treatment of fibers used in textile manufacture. The historical development of spinning and weaving, and the modern processes of manufacturing. The laboratory work includes weaving, dyeing, and basket making. Original designs for the work are made. Many different materials are used. Fee for material, \$1. One lecture and four hours laboratory work a week. First semester. Two hours credit. Mrs. Noble and Assistant.
- 116a. **DRESSMAKING.** Emphasis is placed on artistic and skillful hand-sewing, and on application of the principles of design. Course 113 is prerequisite. Students furnish most of the material they use. Fee for material, \$1. One lecture and five hours laboratory work a week. First semester. Two hours credit. Miss Ross.
- 116b. **MILLINERY.** The designing, construction, and trimming of hats. Course 113 and Drawing 118 are prerequisite. Students furnish most of the material they use. Fee for material, \$1. Second semester. Two hours credit. Miss Ross.
- 117a. **ADVANCED COURSE IN FOODS.** Preservation of fruits and vegetables; advanced cookery; invalid cookery; infant feeding. Course 114 is prerequisite. Fee for material, \$3. One lecture and six hours laboratory work a week. First semester. Three hours credit. Miss Ross.
- 117b. **ADVANCED COURSE IN FOODS (Continued).** Cost, preparation, and serving of formal meals in the home; simpler meals for home and institutions; school luncheons. Fee for material, \$3. One lecture and one laboratory period a week. Second semester. Two hours credit. Miss Ross.
- 118b. **DIETETICS.** This course treats of the relation of the composition of the body, its waste and repair, to the proportion and kind of food required and to the composition of various typical foods; it introduces the student to the hypotheses formulated from current dietetic research. Course 114 is prerequisite. Second semester. Two hours credit. Miss Ross.
- 119b. **ECONOMICS OF THE HOUSEHOLD.** The economic history of the household; the family income and its expenditure; marketing and



the economical purchase and preservation of food. The principles of laundry work are taught through practical application. Courses 113 and 114 are prerequisite or parallel courses. Fee for material, \$1. Two lectures and two hours laboratory work a week. Second semester. Two hours credit. Mrs. Noble.

120. **THEORY AND PRACTICE OF TEACHING DOMESTIC SCIENCE.** This course presents the methods of teaching domestic science in elementary and secondary schools. It includes the consideration of courses of study, their relation to the school curriculum, and the planning and presentation of lessons. The practical work includes observation, assistance, and teaching in public school classes, and the planning of laboratory equipment. Limited to sophomores in the domestic science course and to others who obtain permission of the instructor. Two lectures or conferences and one or more periods of observation or teaching a week. Two hours credit. Mrs. Noble.
- 121a. **HOUSE FURNISHING.** The application of the principles of harmony in line, in dark and light, and in color, to designs in interior decoration. Drawing 118 is prerequisite. Three hours laboratory work a week. First semester. One hour credit. Miss Ross.
- 121b. **SANITATION.** A study of water supply systems, sewers, disposal of waste, milk supplies, ice supplies, and shop sanitation, in so far as their products entering the home may spread contagion; general sanitation of the home,—disinfection, fumigation, cleaning. One lecture a week. Second semester. One hour credit. Miss Ross.

## Drawing

FRED CAMPBELL WHITCOMB, B. S., Professor  
ETHELWYN MILLER, A B, Assistant Professor  
GEORGIA SAYLOR, Instructor  
MAYME BOTTS, Instructor  
J. WARREN SMITH, Assistant  
LESLIE HALL, Assistant

- III. **PUBLIC SCHOOL DRAWING.** The purpose of this course is threefold (1) To develop an appreciation of the principles of composition—rhythm, symmetry, subordination, and proportion. (2) To apply this appreciation to school-room problems, household decoration, and the products of a local industry. (3) To acquire skill in handling chalk, pencil, and brush. One hour credit. Miss Miller.
113. **OBJECT DRAWING AND SKETCHING.** The emphasis in this course is placed upon the technical expression of art principles. The



course also includes elementary perspective. Two hours credit. Miss Miller.

114. **MECHANICAL DRAWING.** A study of the following subjects: use of instruments, applied geometry, lettering, orthographic projection, developed surfaces and intersections, pictorial representation, and simple working drawings. Students may rent instruments. Three hours credit. Mr. Whitcomb and Assistant.
115. **ELEMENTARY DESIGN.** A progressive series of exercises in line, mass, and color, leading to an appreciation of the art principles—rhythm, symmetry, proportion, subordination. These exercises consist of drawings from nature, objects, masterpieces of line, mass, and color as found in textiles, pottery, sculpture, Japanese prints, and photographic reproductions of paintings. Three hours credit. Miss Saylor.
116. **ADVANCED OBJECT DRAWING AND SKETCHING.** This course is a continuation of Course 113, which is prerequisite. It includes the study of advanced perspective. One hour credit. Miss Saylor.
117. **ART APPRECIATION.** A study of the American home, including gardens, lawns, architecture, and furnishings. The art of past ages is studied as it functions in the appreciation of present day homes. Two hours credit. Miss Miller.
118. **ELEMENTARY DESIGN.** (A short course). An abridgment of Course 115, especially arranged for manual training and domestic science students. Practical application of the principles of design is made to problems arising in woodwork, metalwork, sewing, household art, etc. One hour credit. Miss Saylor.
- 119a. **MACHINE DESIGN.** An elementary course in this subject. Drawing 114 is prerequisite. First semester. Three hours credit. Given 1915-16. Mr. Whitcomb.
- 119b. **DESCRIPTIVE GEOMETRY.** A brief course in the fundamentals of descriptive geometry, including shades, shadows, and perspective. Drawing 114 is prerequisite. Second semester. Three hours credit. Given 1915-16. Mr. Whitcomb and Assistant.
120. **THEORY AND ORGANIZATION OF ART TEACHING.** This course consists of the organization of subject matter and material and the application of theory to practice. Practice teaching under supervision is done in the elementary school. One hour credit. Miss Miller.
121. **OBSERVATION AND TEACHING.** One lecture or conference and one or more periods of observation and teaching a week. One hour credit. Miss Miller and Miss Botts.

- 122a. **ARCHITECTURAL DRAWING.** The drafting of a set of house plans is made the basis of this course. Such topics as the evolution of the modern house, styles of architecture, the site, influence of environment on the house, rural and urban houses, building material, heating systems, lighting, and the care of a house are considered. First semester. Three hours credit. Given 1914-15. Mr. Whitcomb and Assistant.
123. **CONSTRUCTIVE DESIGN.** The principles of design are studied and employed in the making of a number of designs for articles of furniture. Drawing 115 or 118, 113 and 114, and Manual Training 114 are prerequisite. One hour credit. Mr. Whitcomb.
124. **ADVANCED DESIGN.** This course is a continuation of Course 115, which is prerequisite. It consists of original compositions involving the application of art principles. Three hours credit. Miss Miller.

## Education

JOHN WAGNER HECKERT, A. M., Professor  
ANNA ELIZABETH LOGAN, A. M., Professor  
J. M. O'GORMAN, A. M., Assistant Professor

- 111a. **PSYCHOLOGY AND CHILD-STUDY.** A study of the nature of sensations, percepts, images, memories, feelings of relationship, feelings of meaning, judgments, emotions, feelings of willing; the nature of mental life as a whole; the functions of mental states; the structure and action of the nervous system. Dynamic psychology; a study of the laws of mental action in their relation to attention, memory, habit-formation, reasoning, action, etc. Child-study: a brief survey of the periods of development in the life of the child; children's instincts and their function in the process of education; the development of intellect, of the moral nature, and of motor control; heredity and abnormalities in children. First semester. Three hours credit. Mr. Heckert and Mr. O'Gorman.
- 111b. **PRINCIPLES OF TEACHING AND THE METHOD OF RECITATION.** A course in the application of principles of general and educational psychology to the problem of teaching. Observation of teaching in the William McGuffey Schools and experimentation in class constitute a part of the work in this course. Method of the recitation: the principles of teaching applied to the problems of the recitation. A discussion of these problems. The application of the principles of teaching in the preparation

of lesson plans in the several branches of the curriculum of the elementary school illustrated. Second semester. Three hours credit. Mr. Heckert and Mr. O'Gorman.

112. HISTORY OF EDUCATION. Education in the middle ages. Renaissance and humanistic education. The Reformation and its influence upon education. Educational tendencies during the seventeenth and eighteenth centuries; realistic education; the disciplinary conception of education; the naturalistic movement represented by Rousseau. The psychological tendency as represented by Pestalozzi, Herbart, Froebel, and Rosmini. The scientific tendency. The sociological tendency. The present tendencies in education, especially in the United States. Two hours credit. Miss Logan.
115. MODERN EDUCATIONAL TENDENCIES. A course in the history of education in modern times. Two sections—one for domestic science students, and one for manual training students. Four hours credit. Miss Logan and Mr. O'Gorman.
116. SOCIAL ASPECTS OF EDUCATION. The purpose of the course is to set forth the social influences of the school in developing the child's efficiency as a member of society: (a) of those within the school-room, playground, school-garden, etc.; (b) of those obtained through the co-operation of home and school, i. e., mothers' and parents' meetings, educational associations, etc. One hour credit. Miss Logan.

## English

MRS. FRANCES GIBSON RICHARD, A. M., Associate Professor

111. COMPOSITION AND LITERATURE. First semester.—Theme writing. Correction of incorrect habits of speech. Drill in the art of story-telling. Literature for children. Folk-lore, myth, and legend; the ethical and inspirational value of classical stories. Second semester.—Literature. Selection from modern literature of material for public school work. Analysis of masterpieces. Organization of material by grades. Dramatization of grade material. Theme writing correlated with class study. Three hours credit. Mrs. Richard.

## Geography

GEORGE WILSON HOKE, Ph. M., Professor

113. REGIONAL GEOGRAPHY. A study of relief, climate, occupations, and institutions in selected areas as a basis for interpretation of



fundamental adjustments to type environments. One lecture and two laboratory periods a week. Two semesters, three hours credit each. Mr. Hoke.

114. **TEACHING OF GEOGRAPHY.** A brief survey of the aims, methods, and content of geography in the various grades. One semester, one hour credit. Mr. Hoke.

## History

CLARENCE EDWIN CARTER, Ph. D., Professor

111. **AMERICAN HISTORY.** First semester.—Early American history from the period of discovery to the making of the Federal Constitution. Attention is given to such subjects as the European background, motives for colonization, the life of the people, governmental institutions, the conflict between France and England for the control of North America, the relation of the colonies to the mother country, the American Revolution, the period of the Confederation, and the organization of the Federal government. Second semester.—The history of the United States from the administration of Washington to the end of the 19th century. Special attention is given to such topics as the political parties, the slavery controversy, problems arising out of the Civil War and reconstruction periods, and the social and economic development of the whole period. Longman's Epoch Series of American histories used throughout the year. Three hours credit. Mr. Carter.
113. **THE ECONOMIC HISTORY OF THE UNITED STATES.** Beginning with the period of American colonization, the growth of industry, agriculture, commerce, transportation, and labor is traced from the simple, isolated agricultural communities of the colonies to the complex industrial and commercial society of to-day. Lectures, assigned readings, and reports. Two hours credit.

## Manual Training

FRED CAMPBELL WHITCOMB, B. S., Professor

FOREST TOBIAS SELBY, Instructor

GEORGIA SAYLOR, Instructor

112. **PUBLIC SCHOOL HANDWORK.** A study of the different forms of handwork as related to the grade work. These forms include paper and cardboard construction, modeling with clay, weaving, woodworking, etc. Fee for material, fifty cents. One hour credit. Mr. Selby and Miss Saylor.



113. CLAY MODELING AND POTTERY. A study of the principles of design, with clay as the medium of expression. The study of form and construction is arranged in a series of progressive lessons, beginning with simple lines and masses, in moulding, repeated borders, and pottery. The course has direct relation to the manual arts and to pottery, but is also designed to meet the needs of teachers in elementary schools. Fee for material, \$1. Two hours credit. Given 1915-16. Miss Saylor.
113. PAPER AND CARDBOARD WORK; BOOKBINDING. (1) The historic development of the paper industry. Constructive problems based on the use of paper and cardboard in connection with the principles of design. The articles made involve the processes of tearing, cutting, folding, mounting, pasting, weaving, and constructing. (2) The development of the bookbinding industry, together with a brief study of printing and lettering in connection with bookbinding, repairing of books, and making of pamphlets, tablets, and note-books. Fee for material, \$1. Two hours credit. Given 1914-15. Miss Saylor.
114. WOODWORKING. From working drawings and blue prints, a number of simple pieces of woodwork are made. The correct use of tools is emphasized. By means of lectures, readings, drawings, and experiments, the following topics are considered: the classification, structure, use, and evolution of tools; forms of fastenings; wood finishing; seasoning of wood; lumbering; saw milling and forestry. Fee for material, \$2. Three hours credit. Mr. Whitcomb and Mr. Selby.
115. WOOD-TURNING, PATTERN-MAKING, AND THE USE OF POWER MACHINERY. A study of the lathe, turning tools, methods of turning and methods of finishing. Cabinet turning, including the processes of turning between centers, face plate, and chuck work. Pattern turning and bench work, including some simple foundry work with soft metals. Shop machines are used by the students and their action investigated and explained. Power, shafting, and belting are considered. Fee for material, \$2. Given in 1915-16 and in alternate years. Three hours credit. Mr. Selby.
- 116b. BUILDING CONSTRUCTION. The erection of a small frame building is made the basis of the work of this course. A thorough study is made of building materials, of processes, of methods, and of the mechanics of carpentry. Some knowledge of the use of the common woodworking tools is prerequisite. Fee for material, \$2. Second semester. Given in 1914-15 and in alternate years. Three hours credit. Mr. Selby.

117. **CABINET MAKING.** From the designs made in Drawing 123 (which should be taken as a parallel course), articles of furniture are constructed. Caning, upholstering, simple carving, inlaying, and metal trimming are employed in the course. A study is made of the different styles and periods of furniture and of the joints used in cabinet making. Manual Training 114 and Drawing 114 are prerequisite. Fee for material, \$3.00. Three hours credit. Mr. Whitcomb and Mr. Selby.
- 118b. **SHEET METALWORK.** Sheet copper and sheet brass are used as materials. Instruction is given in bending, sawing, filing, riveting, and hammering. Decoration by means of piercing, etching, chasing, embossing, flame and acid coloring, and enameling. Drawing 118 is prerequisite. Fee for material, \$2. Second semester. Given in 1915-16 and in alternate years. Three hours credit. Mr. Selby.
119. **METALWORKING.** First semester.—An elementary course in forging, including the usual processes of drawing, bending, twisting, upsetting, welding, and shaping of wrought iron and soft steels, and the annealing, hardening, tempering, and working of high carbon steels. Second semester.—A number of processes of bench work with cold metal are considered, such as chipping, filing, fitting, polishing, drilling, riveting, and threading. Fee for material, \$2. Given in 1914-15 and in alternate years. Three hours credit. Mr. Selby.
120. **ORGANIZATION OF MANUAL ARTS.** (1) The place of the manual arts in education; relation to social life, to child nature, and to the curriculum; the organization of the work in elementary and secondary schools, in industrial schools, etc. (2) Equipment and maintenance in elementary and secondary schools. Two hours credit. Mr. Whitcomb.
121. **TEACHING MANUAL ARTS.** Observation, making lesson plans, and teaching, under criticism, in the William McGuffey School. One hour credit. Mr. Whitcomb.

## Mathematics

THOMAS LYTLE FEENEY, A. M., Professor

- 111a. **HISTORY AND TEACHING OF ELEMENTARY MATHEMATICS.** A brief history of the development and teaching of elementary mathematics, with discussions of present practice and of the proper place of arithmetic, algebra, and geometry in the elementary school, with particular reference to the primary grades. Papers and talks on assigned readings, discussions, examination

of recent text-books. For freshmen in the regular grade teachers' course of the Normal College. Collateral reading. First semester. Three hours credit. Mr. Feeney.

111b. Continuation of 111a with particular reference to the upper grades. Second semester. Three hours credit. Mr. Feeney.

113. TRIGONOMETRY, ANALYTICS, AND SHOP MATHEMATICS. This course is arranged especially for manual arts and agricultural students. The essentials of each part of the course are treated in a thorough manner. The trigonometry and analytics are made as practical as possible. The shop mathematics functions in the different shop courses as offered in the Manual Arts department. Two hours credit. Mr. Feeney.

## Music

RAYMOND HUGH BURKE, B. S., Director and Associate Professor

SARA NORRIS, A. B., Instructor

MARY BUSHNELL, Instructor

111. ELEMENTARY MUSIC. A course in the fundamental principles of musical structure, interpretation, and appreciation. Study of notation. Memorizing, reading, and writing melodies. Development of the singing voice. General topics: music, tone, instrumentation, rhythm, melody, harmony, form, interpretation, performance and appreciation. Thematic melodies from the works of the great masters are used for reading and memorizing purposes, in order to furnish a basis for the later study of vocal and instrumental compositions, which form the practical and illustrative material of the course. Prerequisite to courses 112, 113, 114. Two-thirds hour credit for regular grade teachers, and two and one-third hours credit for music teachers, who are required to do more work. Mr. Burke and Miss Bushnell.

112. SCHOOL MUSIC. First Semester.—Relation of music to public education. General principles of teaching school music. Fundamental factors that underlie the development of musical expression. Correlation with school curriculum. Conducting and standards of musical judgment. Development of the singing voice and the ability to read music. Second Semester.—Survey of current school music courses. Course of study for the elementary and secondary schools. Observation work and lesson plans. Demonstration of principles, methods and practical application of material. Prerequisite, Music 111. Two-thirds hour credit for regular grade teachers, and two hours credit for music teachers, who are required to do more work. Mr. Burke and Miss Bushnell.



113. **HARMONY.** A course in musical composition and analysis. Study of the formation, connection, and resolution of the fundamental chords, chromatically altered chords, and augmented sixth chords. Suspensions, ornamental tones, sustained tones, and modulation. Cadence formulas and harmonic analysis. Memorization of chords and chord functions. Invention and harmonization of melodies in different voices. Composition in the unitary, binary, ternary, minuet, march, waltz, theme with variations, and rondo forms. The course is based on Richter's and Tapper's Manuals of Harmony. Prerequisite, Music 111. Three hours credit. Mr. Burke.
114. **HISTORY OF MUSIC.** A course in the evolution of music. General topics: primitive music and music of the ancient cultured nations, catholic church music, medieval music, development of choral music, German and English protestant music, musical instruments and the growth of instrumental music, and the invention and evolution of the opera. Study of the following great master composers, and their relation to the musical movements of the time: Bach, Handel, Gluck, Haydn, Mozart, Beethoven, Weber, Schubert, Schumann, Mendelssohn, Chopin, Berlioz, Liszt, and Wagner. Recent composers and music in the different national groups. The course is copiously illustrated and is based on Dickinson's "The Study of the History of Music." Prerequisite Music 111. Three hours credit. Mr. Burke.
115. **SINGING.** A study of fundamentals of good voice production. Vocal studies and part-songs. Individual and class work. Student rehearsals. Two lessons and six to eight hours work required each week. Two hours credit. Miss Bushnell.
116. **ADVANCED SINGING.** The development of vocal technique. Continuation of vocal studies and part-songs. Individual and class work. Student rehearsals. Two lessons and six to twelve hours work required each week. Two hours credit. Miss Bushnell.
117. **PIANO PLAYING.** Technical and interpretative studies in piano playing, and study of the less difficult piano literature of the old and modern schools. Work in sight reading to cultivate the playing of an accurate and of a sympathetic accompaniment to hymns, part-songs, and solos. Individual and class work. Student rehearsals. Two lessons and six to twelve hours work required each week. Two hours credit. Miss Norris.
118. **ADVANCED PIANO PLAYING.** The development of piano technique. Study of the more difficult piano literature of the old and modern schools. Pipe organ playing for sufficiently advanced students.



Individual and class work. Student rehearsals. Two lessons and six to twelve hours work required each week. Two hours credit. Miss Norris.

119. CHORAL LITERATURE.

- A. *The Glee Club*, organized in 1907, gives annually a program of the best part-songs, choruses, and ballads, written for men's voices. Membership is limited to thirty voices chosen from the Arion Choir. Students who can both sing and play some orchestral instrument, including the piano, mandolin, and guitar, are especially desired. Credit not to exceed two semester hours for the entire year is given according to the quality of work accomplished. Rehearsals, Wednesday and Friday evenings, 6:45-7:45 o'clock. Mr. Burke.
- B. *The Madrigal Club*, organized in 1908, gives annually, with a visiting soloist, a program of the best part-songs, choruses, and cantatas, written for women's voices. Membership is limited to thirty voices chosen from the Arion Choir. Credit not to exceed two semester hours for the entire year is given according to the quality of the work accomplished. Rehearsals, Wednesday and Friday evenings, 4:00-5:00 o'clock. Miss Norris.
- C. *The Arion Choir*, organized in 1911, gives annually a cantata or oratorio with visiting soloists and combination pipe organ and piano accompaniment. Membership is limited to two hundred voices chosen by competition open to all the students of the University. In 1913-14, the *St. Paul*, by Mendelssohn, is given. Rehearsals, Monday evenings, 6:45-7:45 o'clock. Mr. Burke and Miss Norris.
- D. *The Chapel Choir*, organized in 1911, sings at the regular Chapel and University services. A Processional and Recessional in vested costume are sung in the latter service. The members are chosen from the Glee and Madrigal Clubs. Rehearsals, Saturday, 11:30-12:00 o'clock. Mr. Burke and Miss Norris.

120. SCHOOL MUSIC TEACHING. Continuation of Music 112. Selection and arrangement of material in lessons, and presentation of material in actual school room instruction under the supervision of a critic teacher. Five hours observation work and teaching each week. Individual and class conferences. Two hours credit. Mr. Burke and Miss Bushnell.

## Physical Education and Hygiene

ALFRED D. BROWNE, M. D., Professor

MILDRED SMITH, A. R., Instructor

T. L. BUTTERFIELD, Instructor

MARGARET FOX, Nurse

The object of this department in the Normal College is two-fold: first, to give the student such supervision and instruction as will enable her to secure and conserve her own health by intelligent attention to the laws of health and hygiene, and to aid her, through her own efforts, to keep her body in the best physical condition possible; second, to train her to become a capable worker in school gymnastics or calisthenics and in school-yard and playground supervision.

To these ends special indoor and outdoor exercises, games, and dances are used according to the season, the needs of the students, or the stage of the course. Special application of this training, and supervision in all forms of exercises, plays, and games in grade, high school, and playground work is given by interclass and intergroup contests and field-days arranged at various times during the year, and also by exceptional opportunities afforded by the practice teaching in the William McGuffey Schools.

It is supplemented by study of courses of instruction in physical training and hygiene, of plans of playgrounds and school-yards, and of equipment of playgrounds and gymnasiums.

Instruction in hygiene is given one hour each week during the second semester of the freshman year. This course consists of lectures and sanitary excursions. The lectures comprise personal hygiene, analysis of air, soils, water, adulterations of foods, milk supplies and products, transmission of diseases, immunity, heredity and eugenics, industrial and occupational diseases, etc.

## Public Speaking

ARTHUR LOREN GATES, A. M., Professor

112. **READING COURSE FOR TEACHERS.** The study of the expression of the simplest styles of literature—narration, description, etc. Practice in placing power and spirit in every tone of the voice. The use of the teacher's voice in the school room. Three hours credit. Mr. Gates.

## School Administration

HARVEY C. MINNICH, Ed. D., Professor

112. **SCHOOL ORGANIZATION AND MANAGEMENT.** In this course are studied the present organization of the elementary school, cur-

ricula, general school room management, and school laws of the State. Two hours credit. Mr. Minnich.

## Special Method (Training)

ANNA ELIZABETH LOGAN, A. M., Professor  
THOMAS LYTLE FEENEY, A. M., Professor

112a. COMPOSITION, GRAMMAR, AND SPELLING. Composition: aims in teaching oral and written composition; the difficulties in the way; the materials upon which the work should be based; organization of thought as an element in composition writing; teaching form in language; effective ways of making corrections. Grammar: the purpose of the course in grammar; the proper sequence of topics of study; the selection of materials to provide for a motive; the inductive method of treatment; etc. Spelling: selection of words to be assigned for one lesson; facts pupils should know about each word; proper methods of teaching spelling from the point of view of psychology. Miss Logan.

READING LITERATURE. What a good method of teaching reading ought to provide for; a criticism of various methods from this point of view; teaching pupils to read for thought, for expression, with fluency; the use of the "reader" in the upper grades; proper materials for reading in the several grades; methods of presenting literary wholes; what can be done to secure appreciation of good literature.

PRACTICE TEACHING IN PRIMARY AND UPPER GRADES. Students prepare series of lessons and teach them in the William McGuffey Elementary School. This work is organized on two fundamental principles: (1) that the students must not fail in their practice teaching through any lack of preparation, and (2) that the development and establishment of right ideals and methods of teaching in the minds of the student teachers demands that the practice teaching be carried on under careful supervision and criticism, and that it extend over a considerable period of time. With these ends in view, the courses in history, geography, and English are offered in the first year, as are also the courses in psychology, the principles of teaching, the method of the recitation, and the history and teaching of mathematics. The special method in history, geography, reading literature, and other subjects of the elementary school is given during the second year. While the students are studying the principles of teaching, they are required to observe the teaching of critic teachers. In this manner they obtain a more comprehensive

view of the meaning of these principles and also come to know the class room situation. Finally, students are taught to plan lessons and are required to teach one or two of them to group pupils in the presence of other student teachers and of the supervisor. These lessons are then discussed. Continuous teaching of about one-half hour daily begins with the sophomore year and continues to its close. During this time, student teachers are under the immediate direction of the critic teachers, to whom they are responsible for both the preparation and the actual teaching of the lessons. During the entire year, however, student teachers who require more care than the critic teachers are able to give them will be in charge of the supervisors. Total credit, six hours.



## List of Students

## Sophomore Class

Ankeney, John Velte.....	Germantown	Hall, Leslie V.....	Covington, Ky.
Ayers, Mary Velma.....	Eaton	Hance, Irene C.....	Sidney
Battin, Jessie Mather.....	South Charleston	Hartman, Roy McDonald.....	Wooster
Beahrs, Edna Elizabeth.....	Bellevue, Ky.	Hauenstein Eli.....	Pandora
Beerbower, Elma Loretta.....	Hicksville	Jacobs, Charles.....	Oxford
Bell, Martha E.....	Wooster	Janney, Edna.....	Waynesville
Benbow, Hazel.....	Cincinnati	Jones, Ethelwyn Keys.....	Waynesville
Benton, Bernice Elizabeth.....	Harpster	Kamm, Inez M.....	Hartwell
Biron, Marie Zenelie.....	Sandusky	Kline, Ethel.....	Seville
Black, Martha Ann.....	Chillicothe	Lampman, Hallie.....	Holgate
Blair, Gertrude.....	Cincinnati	Leas, Sara Estella.....	Greenville
Booher, Eleanor Estella.....	Dayton	Lewis, Lydia, May.....	Oxford
Brown, Berta Knowlton.....	Oxford	Lincoln, Helen Cynthia.....	Woodstock
Brown, Reba.....	Okeana	Linder, Evelyn Colista.....	Madeira
Burke, Osee Alberta.....	Dayton	Lucas, Hazel, Jean.....	Chillicothe
Chenowith, Jessie Marie.....	Lima	McClenaghan, Kathleen V.....	Groveport
Climer, Clara.....	Winchester, Ind.	McClellan, Velma Verna.....	Eaton
Converse, Bertha.....	Harrison	McDill, Ruby Frances.....	Oxford
Cook, Ruth.....	Milford	McGurk, Florence.....	Dayton
Cooper, Helen Alcesta.....	Springfield	McLellan, Glenn Eddy.....	La Porte, Ind.
Couzzins, Zenobia L.....	Oxford	McNamara, Marjorie.....	New Richmond
Curtis, Mona.....	Tippecanoe City	Magill, Edith Rowena.....	Eaton
DeMand, Eva.....	Oxford	Markey, Ruth.....	West Alexandria
Dosch, Mildred.....	Miamisburg	Miller, Mary.....	Bowling Green
Dragoo, Ruth.....	Ripley	Miller, Hazel Electa.....	Garrettsville
Duffey, Ruth.....	South Charleston	Moffitt, Vera Marie.....	Indianapolis, Ind.
Eby, Katherine Elizabeth.....	Germantown	Moore, James Austin.....	Edinburg, Ind.
Edstene, Pauline Carol.....	Springdale	Mull, Cleomine Anna.....	Lebanon
Emlet, Ruth Viola.....	West Alexandria	Mullarkey, Pauline Catherine.....	Bellevue
Fassett, Josephine.....	Toledo	Myers, O. A.....	Huntington, W. Va.
Feike, Mary.....	Hillsboro	Neibel, Julia Kathryn.....	Dayton
Flory, Albert B.....	West Alexandria	O'Connor, Margaret.....	Xenia
Foster, Sallie Vanse.....	Higby	O'Neal, Esther E.....	Hamilton
Franz, Edna Florence.....	Lebanon	Orr, Mary.....	Xenia
Frantz, Richard M.....	Kings Mills	Peters, Grace May.....	Gibsonburg
Frie, Florence Anna.....	Urbana	Peters, Mabel May.....	Gibsonburg
Fuchs, Effie Vance.....	Chillicothe	Price, Opal M.....	Spencerville
Fudge, Irma Mildred.....	Oxford	Ramsey, Alice Fredrica.....	Norwood
Geeting, Asa Earle.....	Oxford	Ricketts, Elda Arvilla Washington C. H.	
Geeting, Roy E.....	Oxford	Ritter, Edna L.....	Seven Mile
Goodall, Nellie.....	Greenville	Rohleder, Eva Mae.....	Hayesville
Gottschalk, Lena.....	Napoleon	Schachne, Ruth.....	Chillicothe
Grafton, Paul Aden.....	Delphos	Schaefer, Elizabeth.....	Franklin
Gress, Helen Anna.....	New Bremen	Seal, Marie L.....	Harrison
Guthrie, Marie.....	Troy	Severs, Lydia.....	South Charleston

Sexauer, Helen Charlotte.....Sidney  
 Shultz, Katherine.....Dayton  
 Shump, Robinson.....Troy  
 Smith, Edith Bradfield.....Oxford  
 Smith, John Warren.....Lakeville  
 Smith, Nell Ruth.....Oxford  
 Spinning, Edith Cecelia.....Springfield  
 Staeger, Ellen.....Celina  
 Staeger, Florence.....Celina  
 Stough, David O.....Mansfield  
 Stover, Helen Eliza.....Dayton  
 Thomas, Dorothy.....Cincinnati  
 Thurston, Ethel Catharine.....Eaton  
 Tillman, Grace Irene.....Arcanum

Vance, Marie.....Ansonia  
 Wallace, Gertrude C.....Oxford  
 Ward, Ethel May.....Lancaster  
 Ward, John Raymond.....Madisonville  
 Waters, Winifred Mabel.....Garrettsville  
 Webber, Loraine.....W. Middletown  
 Weiser, Ada Bernice.....Franklin  
 West, Hazel.....Cuba  
 Wilkin, Madge Corinne.....Blanchester  
 Wilkinson, Geraldine.....Kenton  
 Witherby, George Albert.....Collinsville  
 Womeldorf, Nelle Eva.....Gallipolis  
 Wyatt, Ruth Wilson.....Swanders  
 TOTAL, 117; men, 19; women, 98.

### Freshman Class

Ainsley, Mildred H.....Connersville, Ind  
 Allen, Lucille M.....St. Louis, Mo.  
 Barton, Florence.....Oxford  
 Beck, Pauline.....Albion, Ind.  
 Beachler, Lula.....West Milton  
 Black, Leah D.....Chillicothe  
 Robenmyer, Ethelwyn.....Hamilton  
 Boggess, Helen May.....Springfield  
 Boyd, Lillian.....Mt. Oreb  
 Brandenburg, Leah M. New Palestine, Ind.  
 Brotherton, Marie Ella.....Delphos  
 Brown, Ashley Ethel.....Ft. Wayne Ind.  
 Brumm, Nellie.....Celina  
 Carson, Victoria E.....Oxford  
 Carver, Mary E.....Oxford  
 Chipman, Horace D.....Sayler Park  
 Christman, Ralph Walter.....Crestline  
 Clason, Dorothy.....Springfield  
 Connor, Ruth.....Williamsburg  
 Cotton, Herbert Milton.....Richmond, Ind.  
 Criswell, Mary Elionor.....Ripley  
 Critzer, Mamie Belle.....Oxford  
 Cropper, Marie.....Russellville  
 Davidson, Adeline.....Hamilton  
 Deitsch, Margaret Louise.....Norwood  
 Doorley, June.....Hillsboro  
 Doughten, J. D.....Hubbard  
 Dryden, Margaret J.....Peoria, Ill  
 Eck, Mary Ellice.....Middletown  
 Field, Amy.....Hamilton  
 Forbes, Lathenia Dunn.....Oxford  
 Frank, Edna Hortense.....Middletown  
 Gabler, Ruth Flora.....Chillicothe  
 Ganson, Josephine Alice.....Springfield  
 Gaskill, Helen.....Kings Mills  
 Giffin, Avis Grace.....Sabina  
 Gregg, Inez.....Genoa  
 Griffith, Virginia Pearl.....Greenfield

Grinnell, Albert Atherton.....Medina, N. Y.  
 Hadsell, Laura.....Hicksville  
 Ham, Hazel.....Continental  
 Hard, Bertha Elizabeth.....Chillicothe  
 Hanstein, Christine.....Groveport  
 Heckathorn, Eugenia.....Forest  
 Heizer, Edith Lillian.....Norwood  
 Hendrixson, Mary Ethel.....Feesburg  
 Herkenhoff, Mabel Elnora.....Minster  
 Herriott, Bertha.....Plain City  
 Hetherington, Louise.....Hillsboro  
 Hill, Marie.....Blanchester  
 Hinkle, Mary Ethel.....Middletown  
 Hoffmeister, Frank E.....Newport, Ky.  
 Howard, Verdine Mae.....Richwood  
 Hunt, Corda.....Blanchester  
 Huston, Cartmell B.....Morganfield, Ky.  
 Hymen, Gladys Mildred.....Van Wert  
 Im Sande, Frieda.....Middletown  
 Jolliff, Ruth M.....Richwood  
 Judkins, Nelle M.....Delphos  
 Jump, Leta S.....Forest  
 Kibler, Helen M.....Bluffton  
 Kuhn, Tura Irene.....Leesburg  
 Leedom, Lucinda.....St. Paris  
 Lippert, Marie E.....College Corner  
 Loudon, Virginia V.....Georgetown  
 Lowry, Agnes.....Upper Sandusky  
 McClure, Eva Louise.....Bloomington  
 McCurdy, Zada May.....Richwood  
 McIntire, Josephine.....Mansfield  
 McVey, Mary.....Oxford  
 Martin, Chester C.....Sardinia  
 Martin, Oscar C.....Sardinia  
 Martin, William Henry.....Covington, Ky.  
 Milbourne, Viola Belle.....Oxford  
 Miller, Lucille.....Toledo  
 Miller, Opal.....Richwood

Militzer, Edith Marie.....	Toledo	Starke, Charlotte.....	Mansfield
Mohme, Freda Minnie.....	Dean	Stephenson, Ruth Agnes.....	Oxford
Moran, Colleta Agnes.....	Lima	Stockstill, Martha B.....	Sidney
Morgan, Lucile.....	Hillsboro	Swartz, Jean Elizabeth.....	London
Morris, Gertrude.....	Ashtabula	Trew, Merle.....	Oxford
Moyer, Gladys.....	Vermillion	Trimble, Ethel L.....	Kings Mills
Moyer, Lois B.....	Vermillion	Trump, Addie Mary.....	Hamilton
Parrett, Ailee M.....	Washington C. H.	Vance, Edith Elizabeth.....	Highland
Perry, Fay Marguerite... ..	Cincinnati	Walker, Reva Estelle.....	Xenia
Reynolds, Ione.....	Waukegan, Ill.	Warning, Opal.....	Blanchester
Schneider, Della Louise.....	Kenton	Weaver, Edward R.....	Troy
Schulze, Frank A.....	Elyria	Wespiser, Agatha.....	Oxford
Seal, Ruth Varner.....	Harrison	West, Mabel... ..	Cuba
Seaman, Ernest Richard.....	Lima	Wilson, Edna Louise.....	Seven Mile
Shannon, Goldie.....	Mt. Oreb	Wolf, Louise.....	Xenia
Sheffler, Loree.....	Risingsun	Wonders, Helen.....	Zanesfield
Sloneker, Hazel.....	Trenton	Wright, Frances.....	Camden
Smith, Celia M.....	Oxford	Yahn, Arna Leona.....	Kasson, Minn.
Smith, Dorothy.....	Ashtabula	Yochum, Grace.....	Carey
Smith, Edith Evelyn....	Upper Sandusky	Ziegler, Martha Gertrude.....	Cincinnati
Smith, Harriet Ruth... ..	Mt. Healthy	TOTAL, 117: men, 13; women, 104.	

## Summary of Attendance

### Normal College

Sophmores.....	19	98	117
Freshmen.....	13	104	117
	32	202	234



## Commencement 1913

### Diplomas Awarded: Normal College

John V. Ankeney  
Edith Grace Basore  
Theresa Clara Block  
Helen Louise Billhart  
Helen Myers Bishop  
Mayme Frances Botts  
Hazel Pearl Bretz  
Helen Louise Darst  
Edith Murman Dickson  
Mary Evelyn Eck  
Leto Marie Firestone  
Lucile Fitzgerald  
Anna Prudence Ford  
Roma Fouts  
Mabel E. Foster  
Harry Edward Franz  
Hazel Madelyn Galliett  
Emma Goode  
Harriet Lenert Gregg  
Marie Griffith  
Sylvia May Griswold  
Edith Rachel Hale  
Kate De Velin Husted  
Winifred Vernon Johnson  
Leona Carrie Kamm  
William Harrison Keller  
Helen Katherine Kessling  
Louella A. Krauss  
Marie Clayton Lanum  
Harry LeBlond  
Grace Laremore  
Jeannette Long

Anna Louise McMahon  
Bessie McVay  
Mary Hayford Morrill  
Nancy Mount  
Ernest Wayne Myers  
Elizabeth Newhall  
Mildred Elizabeth Oldham  
Ida Elizabeth Rees  
Helen Mae Richards  
Mabel Ruth Rodgers  
Sue Jane Rowan  
Grayce B. Samuels  
Kathryn Belle Scanland  
Forest Tobias Selby\*  
Gertrude Amalie Staaf  
Jessie Margaret Staeger  
Naomi Mary Stephens  
Ruth May Sutton  
Naomi Selma Trik  
Alice Miriam Turner  
Georgiana Ross Turner  
Dorothy Ida Underhill  
Margaret Turner Underhill  
Elva Eunice Van Ausdall  
Leora Merle Van Ausdall  
Mary Rebecca Warr  
Sylvia Jean West  
Harriet Isabel Wilson  
James Lisle Wineland  
Laura Kate Wolf  
Myrtle Verna Woodmansee  
Anna Zeile

\*As with the class of 1912

## The Alumni

### Normal College

#### ALUMNI ASSOCIATION

*President.*—Blanche McDill, '10, Oxford, Ohio.

*Secretary.*—Ada Climer, '09, Winchester, Ind.

*Treasurer.*—Winnie Johnson, '13, Hamilton, O.

*Executive Committee.*—The officers named above and F. T. Selby  
'12, Oxford, Ohio.



## Living Alumni

### Arranged by Classes

NOTE.—Changes in occupation or address should be reported to the Publication Office, Miami University, Oxford, Ohio.

#### Class of 1903

- Margaret Elizabeth Coulter, (Mrs. Henry Lee Stephenson), 412 Marguerite Ave. Portland, Ore.  
Katherine Anita Flanagan, teacher, Hamilton, O.  
Marie Helen Hirst (Mrs. Samuel Stokes), R. 3, Ashland City, Tenn.  
Alfa Lloyd (Mrs. Orison H. Hayes), 3267 Ruckle St., Indianapolis, Ind.  
Noble Miller, teacher, Hotel Adams, Denver, Colo.  
Alice Rebekah Robinson, instructor in art, O. S. U., 237 King Ave., Columbus, O.  
Anna Dial Simmons (Mrs. Justice Friedline), 1729 Wood Ave., Colorado Springs, Colo.  
Margaret Williams (Mrs. John B. Ferguson), Hopewell Manse, Franklin, Ind.  
Katherine Beatrice Zerfass, teacher, Kirby Road School, Cincinnati, O.

#### Class of 1904

- Glenn B. Britton, research chemist, Care of U. S. Rubber Co., Naugatuck, Conn.  
Ida M. Crauder, West Middletown, O.  
Mary Luella Cruger, teacher, University School, 4911 Stewart Ave., Madisonville, Cincinnati, O.  
Vida Lynn DeMar, teacher, Carthage, O.  
Dora Isabella Geiser (Mrs. Floyd Swank), 359 River St., Dayton, O.  
Margaret C. Lusby, teacher, Linwood schools, 943 E. Third St., Cincinnati, O.  
Flora Thyra Meredith (Mrs. Milo Powell), Los Angeles, Cal.  
Hallie Lisbon Moon, teacher, Blanchester, O.  
Beatrice Wilhemina Pansing, teacher, Miamisburg, O.  
Sophia Marie Schaeuble (Mrs. Edward E. Huntington), 2341 Detroit Ave., Toledo, O.  
Jessie Way (Mrs. J. G. Snyder), 626 State St., Ottawa, Ill.  
Lydia Robinson Wilgus, teacher, Piqua, O.  
Lelia T. Wilson, teacher, Earlington, Ky.  
Mary Annetta Wood (Mrs. Hunt), Madisonville, Cincinnati, O.

#### Class of 1905

- Hildegard Carolyn Ballauf, teacher, 3535 Mooney Ave., Hyde Park, Cincinnati, O.  
Laura Ella Beals (Mrs. Van Lear Sprigg), Miamisburg, O.  
Nellie Craig (Mrs. J. M. Walker), 3746 Central Ave., Cleveland, O.  
Lucia Crosson (Mrs. L. S. Shawan), Loveland, O.  
Eva Crous (Mrs. U. C. Morrow), 2310 W. Jefferson St., Louisville, Ky.  
Sara Edna Crowl, proof reader, *Journal*, 11 Charter St., Dayton, O.  
Maud Julia Elder, stenographer, 1305 Rhode Island Ave. N. W., Washington, D. C.  
Mamie Anna Faries (Mrs. H. L. Shartle), 317 60th St., Brooklyn, N. Y.  
Irma F. Fenton, teacher, The Hartwell, 312 E. 13th St., Indianapolis, Ind.  
Jean Morgan Foster, Higby, O.  
Emily Hochstrasser (Mrs. Stanley T. A. Goff), Hollister, Idaho.  
Effie May Jones, teacher, Norwood, O.  
Margaret McCain, R. F. D., Lebanon, O.  
Mary McSurely, teacher, Oxford, O.  
Iva Bertha Moon (Mrs. Arthur G. Duffey), South Charleston, O.  
Helen Ranson, Batavia, O.  
Agnes Carmelita Ready, teacher, 221 Bainbridge St., Dayton, O.

## Class of 1906

Rhuella Anna Baldwin (Mrs. Stoltz), Dayton, O.  
Mable Alice Butterfield, teacher, Okeana, O.  
Edna Louise Cooke (Mrs. O. W. Hardin), McKenzie, Tenn.  
Ruth Isabel Dollinger (Mrs. Fred Fristoe), 487 Oxford Ave., Dayton, O.  
Mary Dorrel Finch (Mrs. O. B. Finch), critic teacher, McGuffey School, Oxford, O.  
Nellie Leona Fornshell (Mrs. Chas. Macready), Monroe, O.  
Laura May Gaddis (Mrs. Geo. McNemar), Wilmington, O.  
Josephine Garnett, teacher, R. F. D., College Corner, O.  
Lametta Granger, teacher, 35 W. 3rd St., Xenia, O.  
Myrtle Harsh (Mrs. Bruce Lloyd), 111 Ferguson Ave., Dayton, O.  
Blanch Hinkle (Mrs. R. R. Andrews), Linda, Kans.  
Myrta Belle McConnaughey, teacher, Globe, Ariz.  
Isabel McMillan, student, Univ. of Chicago, Chicago, Ill.  
Blanche Olivia Morris, student, 145 Clinton Ave., Jersey City, N. J.  
Frances J. Ragland, graduate student, Columbia University, New York.  
Ernestine Roudebush, principal high school, Jeffersonville, O.  
Ruby L. Runyan (Mrs. Fountain), Good Hope, O.  
Luella Schiel, 540 Terrace Ave. Cincinnati, O.  
Caroline Siehl, teacher, high school, 2431 McMicken Ave., Cincinnati, O.

## Class of 1907

Helen Alta Bell, teacher, 8345 Curzon Ave., Sta. R., Cincinnati, O.  
Eva Dryden Boyden, student, Miami Univ., Oxford, O.  
Helen Brigham, teacher, Wauseon, O.  
Mabel Briney, teacher, high school, Georgetown, O.  
Florence G. Carter, teacher, Alexandria, Ky.  
Effie Corcoran, teacher, 1925 Williams Ave., Norwood, O.  
Mary Alberta Deaton (Mrs. J. Earl Shroyer), Tippecanoe City, O.  
Mary Dine, teacher, 835 9th St., Douglas, Ariz.  
Harriet Louise Ells (Mrs. Earl Leeds), 244 Oakmont St., Cincinnati, O.  
Clara May Feeney, instructor in home economics, U. of C. 1227 E. 57th St., Chicago, Ill.  
Maud Dick Flenner, teacher, Davis Flat 2, Main and Delts, Hamilton, O.  
John Cornelius Halsema, principal of high school, Minster, O.  
Mary Ethel Hill, teacher, Hartwell, O.  
Lida Myrtle Johnson, teacher, 209 Maple Ave., Hamilton, O.  
Gertrude Monica Knese (Mrs. J. W. McBee), Helena Apartments, Akron, O.  
Josephine Leach, teacher, Francis Parker School, Chicago, Ill.  
Emily Rose Linder, teacher, Madeira, O.  
Daisy Minnich (Mrs. R. H. Burke), Oxford, O.  
Mabel I. Mosteller (Mrs. C. E. Crauder), Camden, O.  
Esther O'Byrne (Mrs. John Henninger), Oxford, O.  
Bessie May Pearce, teacher, 2237 Park Ave., Norwood, O.  
Elsa Corinne Skillman, teacher, 224 William St., Lockland, O.  
Maud M. Tall, teacher, 318 E. Broadway, Alliance, O.  
Helen Mabel Weston, (Mrs. A. W. Burkhardt), 331 Tusculum Ave., Cincinnati, O.

## Class of 1908

Lulu C. Bayer, teacher, R. F. D. No. 1, Perrysburg, O.  
Florence Mary Bayes, teacher, Wauseon, O.  
Charlotte Eliza Bredehoft (Mrs. Chester Blickner), Oak Harbor, O.  
Myrtle Mae Bredehoft (Mrs. Walter Sharp), 558 E. 102 St., Cleveland, O.  
Mary Elizabeth Coombs, teacher, Somerville, O.

Maude De Novo Couchman, teacher, Bellefontaine, O.  
 Elma Marie Curth, teacher, 378 Terrace Ave., Cincinnati, O.  
 Linda Eleanor Deaton, teacher, New Carlisle, O.  
 Ella Christopher Floyd, teacher, 264 N. High St., Chillicothe, O.  
 Martha Gertrude Fowler, teacher, Union City, Ind.  
 Ethel Floy Gardner (Mrs. Alfred Warwick), 736 St. Johns Ave., Lima, O.  
 Lela Luella Jackson, teacher, Billings, Mont.  
 Margaret Lair, teacher, high school, Madelia, Minn.  
 Cora Hazel McClure (Mrs. O. K. Boring), 213 Dutoit Ave., Dayton, O.  
 Bertha Maddux (Mrs. Habekost).  
 Bertha Olive Miller, office clerk, 205 W. Main St., Springfield, O.  
 Lillie Walker Morris, teacher, 2047 College Ave., Indianapolis, Ind.  
 Fern Neiderman, teacher, 834 Dayton St., Hamilton, O.  
 Marcia Osborn, West Palm Beach, Fla.  
 Blanche Paine, secretary and editor for Paine Pub. Co., 222 E. Herman Ave., Dayton, O.  
 Cora Gertrude Smith, teacher, 2116 College Ave., Indianapolis, Ind.  
 Marguerite W. Stetter, teacher, 440 Berry Ave., Bellevue, Ky.  
 Florence Marie Stewart, student, Univ. of Cincinnati, 1852 Columbia Ave., Cincinnati, O.  
 Emily Willey, teacher, Rio Piedras, Porto Rico.

### Class of 1909

Georgia Rella Anderson, Germantown, O.  
 Rose Mary Bay, teacher, 3758 Isabelle Ave., Hyde Park, Cincinnati, O.  
 Helen L. Clark, teacher, 318 Wood St., Hamilton, O.  
 Ada Climer, teacher, Winchester, Ind.  
 Ryrie Belle Cole (Mrs. Burgess Bates), 7207 Fair Park Ave., Carthage, Cincinnati, O.  
 Harriet B. Early, teacher, Williams School, Norwood, O.  
 Pearl Leda Elliot, teacher, 300 Gray Ave., Greenville, O.  
 Clara L. Failor (Mrs. Manning), Elkins, W. Va.  
 Faith Gordon, teacher, Bell City, La.  
 Eleanor Pearl Haas, teacher, 5702 Peabody Ave., Madisonville, Cincinnati, O.  
 Irene Dorothea Hague, teacher, Cleves, O.  
 Mary Helen Hill, teacher, R. R. 1, Hamilton, O.  
 Alta J. Houser, teacher, Kenton, O.  
 Eva May Kneisley, teacher, Gettysburg, O.  
 Dea Carr Murray, milliner, 152 S. Hamlin Ave., Chicago, Ill.  
 Emery Herbert Petry, teacher of manual training, 1734 Orrington Ave., Evanston, Ill.  
 Lois Marion Pierce (Mrs. Zimmerman), 2612 Second Ave. S., Minneapolis, Minn.  
 Scott Burgett Pierson, principal grammar school, Connersville, Ind.  
 Helen E. Polk (Mrs. C. K. Stubbs), N. Lewisburg, O.  
 Harry E. Roberts, supervisor of manual arts, 12th and Banklick Sts., Covington, Ky.  
 Helen Rose Sanford, teacher, high school, Weston, O.  
 Clara Adeline Shelton, merchant, New Carlisle, O.  
 Mary Eleanor Stork, teacher, R. F. D. 3, Box 20, Oxford, O.  
 Walter Clement Wilson, professor of industrial arts, East Tenn. State Normal School, Johnson City, Tenn.

### Class of 1910

Goldie Cecilia Berg, teacher, 1121 9th St., Lorain, O.  
 Helen Jerine Booher (Mrs. John Hardin), care of Peabody H. S., Pittsburgh, Pa.  
 Irene Dickson, teacher, Maysville, Ky.  
 William S. Dorsey, teacher of manual training, 7013 St. Charles Ave., New Orleans, La.  
 Ruth C. Fall, teacher of manual training, 21 Roanoke, Clifton, Cincinnati, O.  
 Marguerite Gatch, teacher, 1626 Linden Drive, College Hill, Cincinnati, O.



Margaret L. Graf, teacher, Anna Louise Inn, Cincinnati, O.  
Myrtle Gail Haines, teacher, Lima, O.  
Alice May Henderly, teacher, Grand Forks, North Dakota.  
Zetta Ann Huber, teacher, Harrison, O.  
Ray Forest Kuns, teacher of manual training, Cincinnati, O.  
Earl Kelley, chauffeur, Oxford, O.  
Maud Ethel Lucas, student, Miami Univ., Oxford, O.  
Georgia M. Lucas, teacher, Covington, Ky.  
Amy Temple McColm, teacher, Kings Mills, O.  
Blanche L. McDill, critic teacher, McGuffey School, Oxford, O.  
Agnes Rebecca Mason (Mrs. Watson M. Roberts), Stonehaven, New Mexico.  
Harriet Whetmore Miller, teacher, Oxford, O.  
Clara Mitchell, teacher, Spokane, Wash.  
Thomas Clifford Mobberly, teacher, 7019 Lower River Road, Sayler Park, Cincinnati, O.  
Katherine Myers (Mrs. B. V. Sheckler), R. F. D., Nevada, O.  
Nellie Lowe Noble, instructor in domestic science, Miami University, Oxford, O.  
Helen Hope Parker (Mrs. T. A. Rymer), 2325 Bellefontaine St., Indianapolis, Ind.  
Mary C. Powers, teacher, Covington, Ky.  
Mary Schlenk, student, Miami University, Oxford, O.  
Bertha P. Schneider (Mrs. Shimler), Felicity, O.  
Emily L. Thompson (Mrs. I. W. Delp), Summit St., Canton, O.

### Class of 1911

Ada Bess, teacher, 245 N. "D" St., Hamilton, O.  
Cora J. Boggs, teacher, Marinetta, Wis.  
Carl V. Boring, teacher, manual training, 28 Grimes St., Dayton, O.  
Lu Marie Brown, student, Grace Elliot Hall, Cambridge, Mass.  
Zelotes E. Brown, teacher, 206 Woodlawn Ave., Hartwell, O.  
Norma L. Brueckner, teacher, Miamisburg, O.  
Emma F. Cornell, teacher of domestic science, Henry, Ill.  
Roseline Cowen, teacher, Milford, O.  
Rosabel Craig, teacher, 638 Woodlawn Ave. Middletown, O.  
Oliver Davidson, teacher, Elyria, O.  
Nellie I. Dollinger, teacher, Kent, Wash.  
Wilhelmina Dowty, instructor in domestic economy, O. S. & S. O. H., Xenia, O.  
Henrietta Evers, teacher, 25 Home Ave., Xenia, O.  
Mary Alice Gaskill, 303 E. 3rd St., Greenville, O.  
Helen Gilpin (Mrs. M. C. Maish), 740 Hand Ave., Winton Place, Cincinnati, O.  
Grace G. Guinall (Mrs. Earl Braithwaite), Chicago Junction, O.  
Hazel C. Hart, teacher, 220 S. Jefferson St. Muncie, Ind.  
Marcia Hart, teacher, 220 S. Jefferson St., Muncie, Ind.  
Esther Z. Hayes, Wilmington, O.  
Ruth L. Helman, teacher of domestic science, 2527 Erie Ave., Hyde Park, Cincinnati, O.  
Bess Henderson (Mrs. Howard M. Cook), 677 Carpenter St., Columbus, O.  
Lois E. Higgins, teacher, Connorsville, Ind.  
Margaret Hutchisson (Mrs. Geo. G. Oberfell), 4042 Mifflin St., Pittsburgh, Pa.  
Elsie M. Hull, teacher, R. R. 67, box 206, Sharon, Pa.  
Fronia V. Isley, teacher, Campbellstown, O.  
Grace Jackson (Mrs. Chas. Johnson), Billings, Mont.  
Jessie F. Jackson, teacher of domestic science, Oxford, O.  
Lucile Kraft, teacher, Sidney, O.  
Grace Laxford (Mrs. A. Gordon Shubert), Hamilton, O.  
Edna McPherson, teacher, Welchfield, O.  
Jessie McVay, teacher, Blanchester, O.



Marie Marshall, executive clerk, Miami University, Oxford, O.  
 Helen I. Moore, teacher of music and art, Spencerville, O.  
 Helen O'Conner, student, Miami University, Oxford, O.  
 Olive S. Peck, teacher, Ashtabula, O.  
 Jean F. Perry (Mrs. R. B. Lowman), Anacortes, Washington.  
 Helen Plock, teacher, Tippecanoe City, O.  
 Ida A. Reinhart, student, Miami University, Oxford, O.  
 Georgia P. Richards, student, Miami Univ., Oxford, O.  
 Mildred E. Schneider, teacher, Felicity, O.  
 Hilda Siebenthaler, teacher, 2359 McMichen Ave., Cincinnati, O.  
 Nella M. Smith, teacher of sewing, 19 E. 8th St., Covington, Ky.  
 Stella M. Soward, teacher, Connersville, Ind.  
 Nellie J. Stafford, teacher of English, Parker, Ind.  
 Erceell G. Stitt, Bloomingburg, O.  
 Mattie L. Waugh, teacher, Miamisburg, O.  
 Elizabeth A. Williamson, teacher, Wellington, O.  
 Rubie V. Williamson, teacher, Miamisburg, O.  
 Grace Wilson, teacher, Johnson City, Tenn.  
 Ethel F. Winston, student in U. of C., 278 Oakmont St., Hartwell, Cincinnati O.  
 Lillian Wuille, 6156 Ingleside Ave., Chicago, Ill.

### Class of 1912

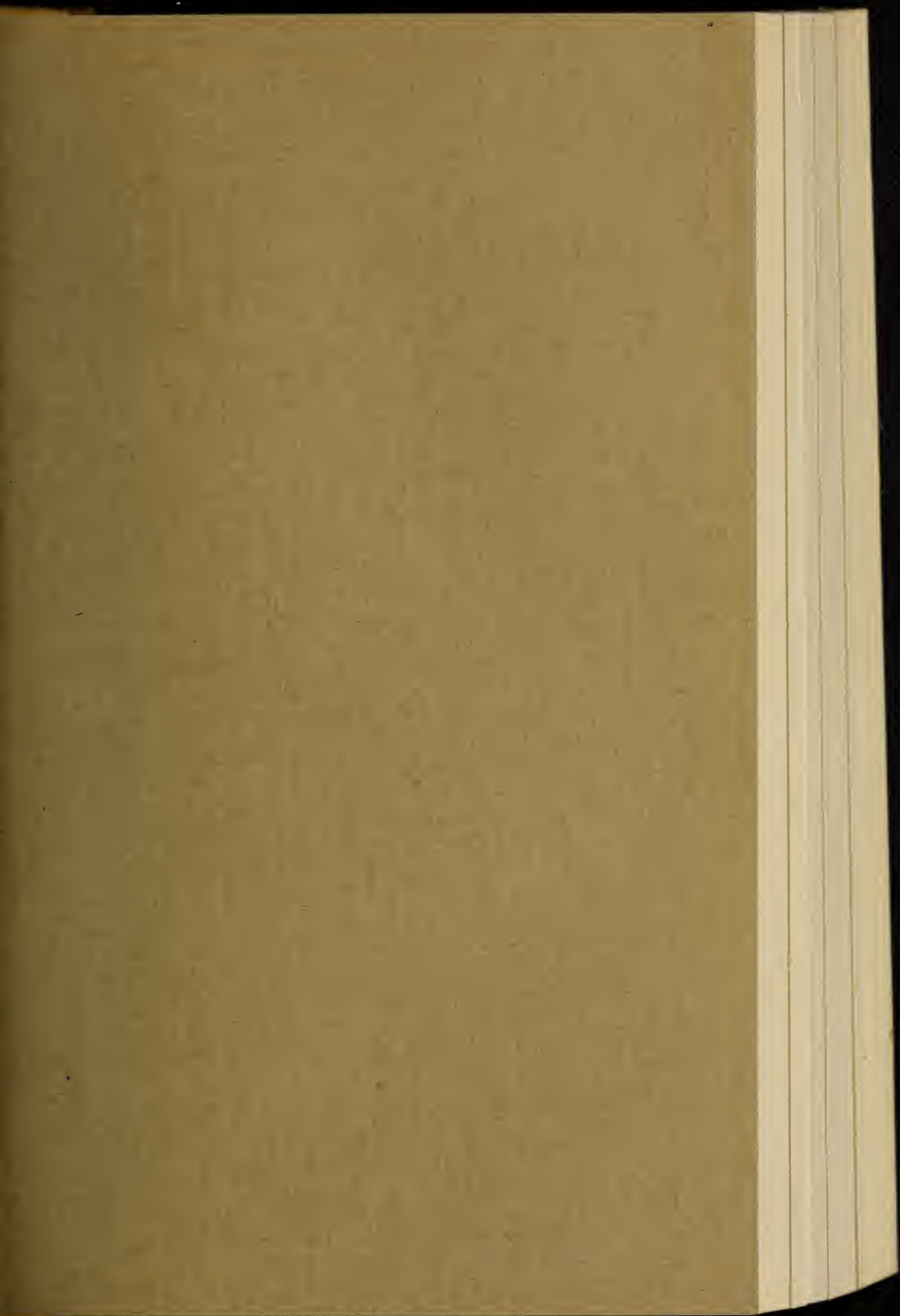
Mabel Andrew, supervisor of music and art, Greenfield, O.  
 Mary Luella Bargman, teacher, domestic science, Niles, O.  
 Adah Frances Belle (Mrs. W. J. Hilberg), 838 Dayton St., Cincinnati, O.  
 Bertha Belleville, teacher, Kimberly, Idaho.  
 Helen Elizabeth Bonham, teacher, Oakley, O.  
 Gertrude Burke, teacher, Norwood, O.  
 Opal Helen Cast, teacher, Mt. Healthy, O.  
 Elmer Christy, supervisor of manual training, 5001 Linden St., Norwood, O.  
 Rose Clippinger, teacher, Troy, O.  
 Helen Cookston, teacher, 515 Young St., Middletown, O.  
 Fannie Louise Cosler, sub teacher, 702 W. Jefferson St., Springfield, O.  
 Ruth Holmes Death, teacher, Middletown, O.  
 Marcella Dodge, assistant matron, Hepburn Hall, Miami University, Oxford, O.  
 Marie Elizabeth Duffey, teacher of art, Chicago Junction, O.  
 Leota Cletus Fisher, teacher, Sidney, O.  
 Bessie Soper Glancy, teacher, Ludlow, Ky.  
 Carolyn Glaser, teacher, Toledo, O.  
 Adeline Greensmith, teacher, Newtown, O.  
 Louise Nelson Haungs, teacher, Kings Mills, O.  
 Karl Hirtsinger, teacher of agriculture, Clarkson, Miss.  
 Frances Howland, teacher, domestic science, G. I. H., Delaware, O.  
 Alice Minnie Hughes, teacher, Georgetown, O.  
 Rosina Cornelia Iuen, teacher, New Bremen, O.  
 Mary Helen Keller, teacher, domestic science, 21 Potomac St., Dayton, O.  
 Louelia A. Krauss, teacher, Eaton, O.  
 Alice Belle Leet, instructor in home sciences, National School of Domestic Arts and Science, Washington, D. C.  
 Julia Leon Lemon, (Mrs. Bennett), Danville, Ky.  
 Leona Louise Linder, teacher, Woodlawn, O.  
 Mary Lillian Madden, 5506 Green St., Chicago, Ill.  
 Nora Ella Mann, teacher, West Carrollton, O.  
 Sarah Ella McGown, teacher, 33 Henry St., Ashtabula, O.

Grace McKean, teacher, Kingsville, O.  
Marion Mitchell, teacher, The Arts and Crafts School, Cincinnati, O.  
Maye McMillan Moon, South Charleston, O.  
Luella Mosssteller, teacher, Mason, O.  
Fantie Nesbit, teacher, Eaton, O.  
Edith Palmer, teacher of art, Franklin, Ind.  
Lois Marion Pierce (Mrs. Zimmerman), 2612 2nd Ave. S., Minneapolis, Minn.  
Orville Smith Powers, teacher of agriculture, Adrian, Mich.  
Lela Frances Reed, teacher, 514 Scott St., Covington, Ky.  
Warren Lee Richey, supt. of schools, Highland, O.  
Marguerite Walden Royal, student, Miami University, Oxford, O.  
Georgia Irene Saylor, instructor in drawing, Miami University, Oxford, O.  
Forest T. Selby, instructor in manual training, Ohio State Normal College, Oxford, O.  
Nellie Josephine Smith, teacher of domestic science, Mt. Healthy, O.  
Mary Louise Spining, teacher, 263 S. Belmont Ave., Springfield, O.  
Mabel Retta Stafford, teacher, Troy, O.  
Adda Steele, Middletown, O.  
Ellen Woodhull Steele, teacher, University School, Cincinnati, O.  
Earl L. Steenrod, teacher, manual training, Dayton, O.  
Olive Ruth Swearingen, student, Miami University, Oxford, O.  
Sara Harrison Taylor, supervisor of music, St. Clairsville, O.  
Helen E. Trimpe, teacher, St. Mary of the Wood, Ind.  
Alice Eliza Williamson, teacher, Tippecanoe City, O.  
Clyde Hubert Wilson, teacher, manual training, W. Tenn. Normal, Memphis, Tenn.  
Florence Young, teacher, Michigan City, Ind.

### Class of 1913

John V. Ankeney, student, Miami University, Oxford, O.  
Edith Grace Basore, teacher, R. F. D., Carlisle, O.  
Helen Louise Billhart, teacher, Upper Sandusky, O.  
Helen Myers Bishop, teacher, Kings Mills, O.  
Theresa Clara Block, West Alexandria, O.  
Maymie Frances Botts, teacher of art, Wm. McGuffey Schools, Oxford, O.  
Hazel Pearl Bretz, teacher, Port Clinton, O.  
Helen Louise Darst, teacher, Miamisburg, O.  
Edith Murman Dickson, Maysville, Ky.  
Mary Evelyn Eck, teacher, Middletown, O.  
Leto Marie Firestone, teacher, Canton, O.  
Lucile Fitzgerald, teacher, Greenville, O.  
Anna Prudence Ford, teacher, Barberton, O.  
Roma Fouts, teacher, R. F. D. Germantown, O.  
Mabell E. Foster, teacher, Covington, Ky.  
Harry Edward Franz, teacher, Hillsboro, O.  
Hazel Madelyn Galliett, teacher, Covington, Ky.  
Emma Goode, teacher, 507 Yankee Road, Middletown, O.  
Harriet Lenert Gregg, music supervisor, Milford, O.  
Marie Griffith, teacher, 627 N. High St., Lancaster, O.  
Sylvia May Griswold, teacher, Le Roy, O.  
Edith Rachel Hale, teacher, Selma, O.  
Kate De Velin Husted, teacher, Liberty, Ind.  
Winifred Vernon Johnson, 226 S. Benninghofen Ave., Hamilton, O.  
Leona Carrie Kamm, teacher, R. 10, Xenia, O.  
William Harrison Keller, International Correspondence School, Dayton, O.  
Helen Katherine Kessling, Hamilton, O.

Louella A. Krauss, teacher, Eaton, O.  
Marie Clayton Lanum, Washington C. H., O.  
Harry LeBlond, teacher of manual training, Muncie, Ind.  
Grace Laremore, teacher, Xenia, O.  
Jeannette Long, teacher, R. 10, Xenia, O.  
Anna Louise McMahon, teacher of domestic science, Saluda Seminary, Saluda, N. C.  
Bessie McVay, teacher, Sidney, O.  
Mary Hayford Morrill, music supervisor, Forsyth, Montana.  
Nancy Mount, teacher, Miamisburg, O.  
Ernest Wayne Myers, instructor in manual arts, Orting, Wash.  
Elizabeth Newhall, teacher, 243 South St., Sidney, O.  
Mildred Elizabeth Oldham, student, Denison University., Granville, O.  
Ida Elizabeth Rees, supervisor of music, Urbana, O.  
Helen Mae Richards, supervisor of music, R. F. D., Xenia, O.  
Mable Ruth Rodgers, teacher, 507 Yankee Road, Middletown, O.  
Sue Jane Rowan, teacher, 211 Franklin St., Tiffin, O.  
Grayce B. Samuels, New Paris, O.  
Kathryn Bell Scanland, music supervisor, Selma, O.  
Gertrude Amalie Staaf, teacher, 303 May St., Troy, O.  
Jessie Margaret Staeger, teacher, Clarkson, Miss.  
Naomi Mary Stephens, Eaton, O.  
Ruth May Sutton, 711 Euclid Ave., Toledo, O.  
Naomi Selma Trik, Bellevue, Ky.  
Alice Miriam Turner, teacher, Washington Heights, O.  
Georgiana Ross Turner, teacher, Tiffin, O.  
Dorothy Ida Underhill, teacher of drawing, 1344 Park Ave., Ft. Wayne, Ind.  
Margaret Turner Underhill, teacher of drawing, Milford, O.  
Elva Eunice Van Ausdall, teacher, Box 516, Bluffton, O.  
Leora Merle Van Ausdall, private teacher of music, Box 26, Reily, O.  
Mary Rebecca Warr, teacher, Middletown, O.  
Sylvia Jean West, teacher, Lynchburg, O.  
Harriet Isabel Wilson, teacher, Sidney, O.  
James Lisle Wineland, teacher of manual arts, Covington, Ky.  
Laura Kate Wolf, teacher, R. 1, Xenia, O.  
Myrtle Verda Woodmansee, teacher, Troy, O.  
Anna Zeile, teacher, Akron, O.







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1914/15

MIAMI UNIVERSITY BULLETIN

Series XIII, No. 8

April, 1915

# Ohio State Normal College

of Miami University

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1914-1915

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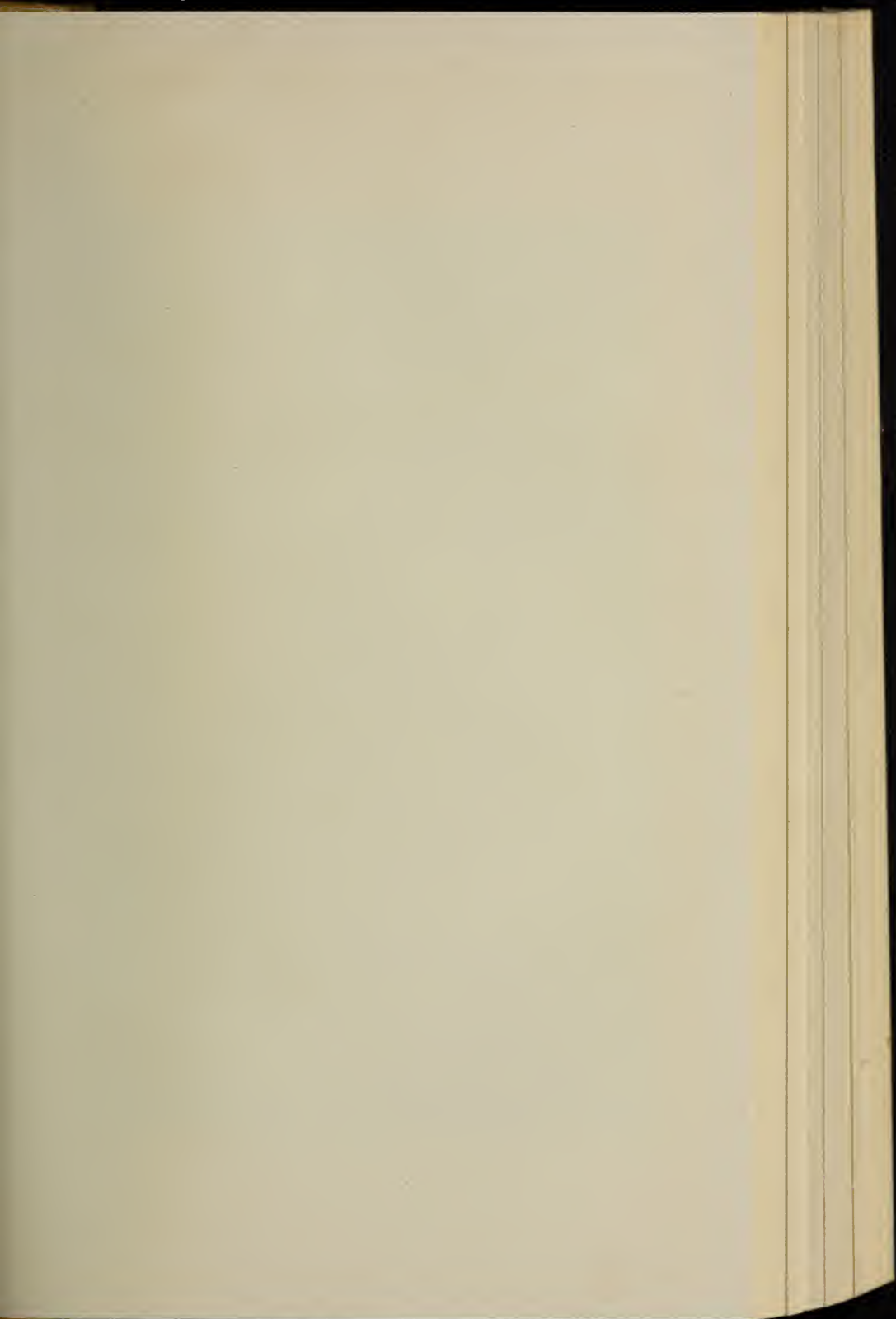
OXFORD, OHIO

UNIVERSITY OF ILLINOIS

Administrative

## **Miami University Bulletin**

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ENTRANCE TO THE MIAMI CAMPUS

Ohio State Normal College  
of Miami University

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1914-1915

Announcements for 1915-1916

OXFORD, OHIO  
Published by the University  
APRIL, 1915

# CALENDAR 1915

JANUARY							JULY						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
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31													
FEBRUARY							AUGUST						
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# CALENDAR 1916

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14	15	16	17	18	19	20	14	15	16	17	18	19	20
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JUNE							DECEMBER						
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11	12	13	14	15	16	17	10	11	12	13	14	15	16
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25	26	27	28	29	30		24	25	26	27	28	29	30
							31						



# University Calendar

1914-1915

1914

- Sept. 15 Tues. Entrance examinations and registration.
- Sept. 16 Wed. Class work begins, 7:30 a. m.
- Sept. 16 Wed. Formal opening of the academic year 1914-15, 10:30 a. m.
- Sept. 20 Sun. First University Service.
- Oct. 18 Sun. Second University Service.
- Nov. 15 Sun. Third University Service.
- Nov. 26 Thur. Thanksgiving Day, a holiday.
- Dec. 20 Sun. Fourth University Service.
- Dec. 23 Wed. Christmas recess from 4:00 p. m. to Jan. 5, 10:30 a. m.

1915

- Jan. 5 Tues. Class work resumed, 11:00 a. m.
- Jan. 17 Sun. Fifth University Service.
- Jan. 21 Thur. Semester examinations begin, 8:00 a. m.
- Jan. 28 Thur. First semester ends, 4:00 p. m.
- Jan. 29 Fri. Junior promenade.
- Jan. 30 Sat. Second semester begins; registration.
- Feb. 1 Mon. Class work begins, 7:30 a. m.
- Feb. 21 Sun. Sixth University Service.
- Feb. 22 Mon. Washington's Birthday, a holiday.
- Mar. 21 Sun. Seventh University Service.
- April 1 Thur. Spring recess from noon to April 7, 10:30 a. m.
- April 18 Sun. Eighth University Service.
- May 16 Sun. Ninth University Service.
- May 29 Sat. Final examinations begin, 8:00 a. m.
- May 31 Mon. Memorial Day, a holiday.
- June 4 Fri. Annual play of sophomore class, Normal College, 7:30 p. m.
- June 5 Sat. Farewell chapel and recognition service, 10:30 a. m.
- June 5 Sat. Reunion alumni Ohio State Normal College, 12:30 p. m.
- June 6 Sun. Baccalaureate service, 2:30 p. m.
- June 6 Sun. Sacred concert, 7:30 p. m.
- June 8 Tues. Annual meeting of the Board of Trustees, 10:00 a. m.
- June 8 Tues. Annual play of senior class, Liberal Arts, 7:30 p. m.
- June 9 Wed. Annual meeting of the Phi Beta Kappa Society, 10:00 a. m.
- June 9 Wed. Alumni luncheon, 12:00 m.



June	10	Thur.	Seventy-fifth annual commencement, 10:00 a. m.
June	10	Thur.	President's reception, 2:00 p. m.
June	14	Mon.	First session of summer term begins.
July	23	Fri.	First session of summer term ends.
July	24	Sat.	Second session of summer term begins.
Sept.	3	Fri.	Second session of summer term ends.

## 1915-1916

### 1915

Sept.	14	Tues.	Entrance examinations and registration.
Sept.	15	Wed.	Class work begins, 7:30 a. m.
Sept.	15	Wed.	Formal opening of the academic year 1915-16, 10:30 a. m.
Sept.	19	Sun.	First University Service.
Oct.	17	Sun.	Second University Service.
Nov.	21	Sun.	Third University Service.
Nov.	25	Thur.	Thanksgiving Day, a holiday.
Dec.	19	Sun.	Fourth University Service.
Dec.	22	Wed.	Christmas recess from 4:00 p. m. to Jan. 4, 10:30 a. m.

### 1916

Jan.	4	Tues.	Class work resumed, 11:00 a. m.
Jan.	16	Sun.	Fifth University Service.
Jan.	20	Thur.	Semester examinations begin, 8:00 a. m.
Jan.	27	Thur.	First semester ends, 4:00 p. m.
Jan.	28	Fri.	Junior promenade.
Jan.	29	Sat.	Second semester begins; registration.
Jan.	31	Mon.	Class work begins, 7:30 a. m.
Feb.	20	Sun.	Sixth University Service.
Feb.	22	Tues.	Washington's Birthday, a holiday.
Mar.	20	Sun.	Seventh University Service.
April	21	Thur.	Spring recess from noon to April 28, 10:30 a. m.
May	15	Sun.	Eighth University Service.
May	28	Sat.	Final examinations begin, 8:00 a. m.
May	30	Mon.	Memorial Day, a holiday.
June	5	Sun.	Baccalaureate service, 2:30 p. m.
June	9	Thur.	Seventy-sixth annual commencement.
June	13	Mon.	First session of summer term begins.
July	22	Fri.	First session of summer term ends.
July	23	Sat.	Second session of summer term begins.
Sept.	2	Fri.	Second session of summer term ends.

## 1916-17

Sept.	13	Tues.	Academic year 1916-17 begins.
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## Officers of Instruction and Government

RAYMOND MOLLYNEAUX HUGHES, M. S..... Lewis Place  
*President*

A. B., Miami University, 1893; M. S., Ohio State University, 1897. Professor of Chemistry, Miami University, 1898-1913. Acting President, 1911-1913. Present position since 1913.

EDGAR EWING BRANDON, Univ. D..... 201 East Church Street  
*Vice-President*

A. B., University of Michigan, 1888; A. M., University of Missouri, 1897; Docteur d' Université, University of Paris, 1904. Professor of Romanic Languages, Miami University, since 1898. Vice-President since 1908.

HARVEY C. MINNICH, A. M., Ped. D., LL. D., 206 South Campus Avenue  
*Dean of the Ohio State Normal College and Professor of School Administration*

A. B., Ohio Northern University, 1897. Present position since 1903.

ELIZABETH HAMILTON, A. B..... Bishop Hall  
*Dean of Women*

A. B., Oxford College, 1895. Present position since 1905.

ANNA ELIZABETH LOGAN, A. M..... East Collins Street  
*Supervisor of Primary Grades and Professor of Method*  
Present position since 1902.

THOMAS LYTLE FEENEY, A. M..... 400 East High Street  
*Professor of Special Method*  
Present position since 1902.

GEORGE WILSON HOKE, Ph. M..... The Tallawanda  
*Professor of Geography*

A. B., Butler College, 1895; Ph. B., University of Chicago, 1898; Ph. M., 1901. Present position since 1902.

\*FRED CAMPBELL WHITCOMB, B. S..... 310 East Church Street  
*Professor of Manual Arts*

B. S., Franklin College, 1900; Diploma in Manual Training, Teachers' College, Columbia University, 1904. Present position since 1906.

BENJAMIN MARSHALL DAVIS, Ph. D..... The Tallawanda  
*Professor of Agricultural Education and Director of Educational Extension*

B. S., Butler College, 1890; M. S., 1892; Ph. D., University of California, 1906. Present position since 1907.

\*On leave of absence, first semester 1915-1916.

- ARTHUR LOREN GATES, A. M. .... 121 Bishop Street  
*Professor of Public Speaking*  
 A. B., Northwestern University, 1903; A. M., Columbia University, 1910. At Miami University since 1905. Present position since 1908.
- SAMUEL JACOB BRANDENBURG, Ph. M. .... 430 East Church Street  
*Librarian*  
 A. B., Miami University, 1904; Ph. M., University of Chicago, 1909. Present position since 1909.
- JOHN WALTER HECKERT, A. M. .... 402 East Church Street  
*Professor of Education and Director of the William McGuffey Schools*  
 Ph. B., Hamline University, 1900; A. M., Columbia University, 1905. Present position since 1909.
- CLARENCE EDWIN CARTER, Ph. D. .... 208 North Poplar Street  
*Professor of History*  
 A. B., Illinois College, 1905; A. M., University of Wisconsin, 1906; Ph. D., University of Illinois, 1908. Present position since 1910.
- WILLIAM ELMER SEALOCK ..... 331 West Church Street  
*State High School Inspector and Professor of Education*  
 Present position since 1914.
- FRANCES GIBSON RICHARD, A. M. .... The Tallawanda  
*Associate Professor of English*  
 A. B., National Normal University, 1891; A. M., 1893. At Miami University since 1902. Present position since 1907.
- \*RAYMOND HUGH BURKE, B. S. .... 304 East Church Street  
*Director and Associate Professor of Music*  
 B. S., University of Chicago, 1906. At Miami University since 1906. Present position since 1910.
- \*JAMES M. O'GORMAN, A. M. .... The Tallawanda  
*Associate Professor of Education*  
 Graduate of Normal College, Oswego N. Y., 1906; B. S., Columbia University, 1909; A. M., 1910. At Miami University since 1911. Present position since 1913.
- WILLIAM H. WILEY, B. S., Pd. M. .... 2 W. Church Street  
*Associate Professor of Education*  
 B. S., Columbia University, 1909, A. M., Columbia University, 1912, Pd. M., New York University, 1914. Present position since 1914.
- AUBREY W. MARTIN .....  
*Acting Director of Music*  
 Graduate of the Music Department of Broadus Institute, Wesleyan College, W. Va. At Miami University 1914-15.

\*Absent on leave 1914-15.

- LENA ROSS.....112 South Campus Avenue  
*Assistant Professor of Domestic Science*  
Graduate of Pratt Institute, 1909. At Miami University  
since 1909. Present position since 1911.
- MARY EDNA FLEGAL, B. S.....322 East Church Street  
*Assistant Professor of Art*  
B. S., Columbia University, 1914. Graduate of Indiana  
Normal School, Indiana, Penn. Present position since  
1914.
- SARA NORRIS, A. B. ....Hepburn Hall  
*Instructor in Music and Assistant to the Dean of Women*  
A. B., Oxford College, 1896. Present position since  
1910.
- NELLIE LOWE NOBLE.....New Cottage  
*Instructor in Domestic Science*  
Graduate of Ohio State Normal College, 1910. Present  
position since 1910.
- \*MARY BUSHNELL.....  
*Instructor in Music*  
Present position since 1910.
- MARY B. WOOD.....322 East High Street  
*Instructor in Music*  
Graduate of Michigan State Normal College, 1910.  
Present position since 1914.
- GEORGIA SAYLOR.....22 East Walnut Street  
*Instructor in Drawing and Manual Arts*  
Graduate of Ohio State Normal College, 1912. Present  
position since 1913
- FOREST T. SELBY .....115 South Main Street  
*Instructor in Manual Arts*  
Graduate of Ohio State Normal College, 1912; Present  
position since 1913.
- EDITH CORNER, A. B.....322 East High Street  
*Instructor in Physical Education*  
A. B., Ohio State University. Present position since  
1914.
- J. WARREN SMITH.....422 East Church Street  
*Instructor in Manual Training*  
Graduate of Ohio State Normal College, 1914. Present  
position since 1914.
- IDA REINHART.....115 South Beech Street  
*Instructor in Domestic Science*  
Graduate of Ohio State Normal College, 1911. Present  
position since 1914.

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\*Absent on leave 1914-15.



## Student Assistants

MILDRED AINSLEY.....	<i>Geography</i>
LUCILE ALLEN .....	<i>History</i>
FRANCES AMBUHL.....	<i>English</i>
LESLIE HALL.....	<i>Manual Training</i>

## Teachers in the William McGuffey Schools

CHARLES S. BUNGER, A. B.....	305 South Main Street
<i>Principal of the William McGuffey Schools</i>	
A. B., Miami University, 1909.	
A. LEE MATHEWS, M. Di., A. B.....	218 North Campus Avenue
<i>Instructor in Sciences, William McGuffey Schools</i>	
M. Di., Iowa State Teachers' College, 1906; A. B., 1907.	
FRANCES G. RAGLAND, A. M.....	New Cottage
<i>Instructor in High School, William McGuffey Schools</i>	
Graduate Ohio State Normal College, Miami University, 1906; A. B. Miami University, 1908; A. M. Teachers' College, Columbia University, 1914.	
MARJORIE H. VANCE.....	123 West Walnut Street
<i>Instructor in High School, William McGuffey Schools</i>	
BLANCHE McDILL, A. M.....	314 North College Avenue
<i>Critic Teacher</i>	
B. S., Oxford College, 1899; Graduate Ohio State Normal College, 1910; A. M., Columbia University, 1913.	
ANNA BEISWENGER, B. S.....	The Tallawanda
<i>Critic Teacher</i>	
Graduate of School of Education, Chicago University.	
MARY DORRELL FINCH, A. B.....	117 East Walnut Street
<i>Critic Teacher</i>	
A. B., Miami University, 1907; Graduate Ohio State Normal College, 1906.	
HELEN J. WOODLEY.....	The Tallawanda
<i>Critic Teacher</i>	
Graduate DeKalb State Normal School, DeKalb, Ill.;	
Graduate student, Columbia University, 1911-12.	
ALICE FEDERICA RAMSEY.....	322 East High Street
<i>Kindergarten Teacher</i>	
Graduate of Cincinnati Kindergarten Training School.	
MAYME BOTTS, .....	The Tallawanda
<i>Instructor in Art, William McGuffey Schools</i>	
Graduate of Ohio State Normal College, 1913.	

### Additional Officers of the University

GEORGE SPENCER BISHOP, A. M.....	122 South Campus Avenue
<i>Secretary of the Board of Trustees and Business Director</i>	
JULIA ROGERS BISHOP.....	400 East High Street
<i>Registrar</i>	
C. A. SHERA, JR.....	129 West Walnut Street
<i>Treasurer</i>	
WALLACE PATTISON ROUDEBUSH, A. B.....	215 East Church Street
<i>Secretary to the President</i>	
MARIE MARSHALL.....	302 South Main Street
<i>Executive Clerk</i>	
MAYE MORRIS, B. L.....	122 North College Avenue
<i>Assistant to the Business Director</i>	
ANNA M. CONWAY.....	209 North Campus Avenue
<i>Secretary to the Dean of the Normal College</i>	
EFFIE EUGENIA EBY, A. B.....	125 East Walnut Street
<i>Assistant Executive Clerk</i>	
MRS. CORA WARREN TUDOR.....	Hepburn Hall
<i>Buyer for Boarding Department and Matron</i>	
GRACE PETERS.....	Bishop Hall
<i>Matron</i>	
ELEANOR BOOHER.....	Bishop Hall
<i>Matron</i>	
MARGARET FOX.....	Bishop Hall
<i>Resident Nurse</i>	
JOHN DEVINE.....	19 South Poplar Street
<i>Chief Engineer and Superintendent of Buildings and Grounds</i>	

### Standing Committees of the Faculty

ENTRANCE CREDITS AND ADVANCED STANDING—	Feeney, Whitcomb, Burke, Richard.
COURSE OF STUDY AND STANDING OF STUDENTS—	Heckert, Feeney, Carter, Hoke, Whitcomb.
SOCIETIES AND STUDENT ORGANIZATIONS—	Logan, Ross, Saylor, Reinhart.

ENTERTAINMENT AND PUBLIC EXERCISES—Miller, Flegal, Wood  
Norris.

CONDUCT AND PHYSICAL WELFARE—Corner, Norris, Mathews.

EXTENSION WORK, TEACHERS' ASSOCIATIONS, AND PUBLICATIONS—  
Davis, Whitcomb, Logan, Bunger.

FACULTY DISCUSSIONS—Wiley, Richard, Noble.

### Student Counsellors

GRADE TEACHERS—Professors Heckert, Logan, Botts, Carter, Feeney  
Flegal, Hoke, Richard, Wiley.

MANUAL ARTS—Professor Whitcomb.

PUBLIC SCHOOL DRAWING—Miss Flegal.

PUBLIC SCHOOL MUSIC—Professors Martin, Wood.

DOMESTIC SCIENCE—Professors Davis, Ross, Noble, Reinhart.

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# The Ohio State Normal College

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## Location

**M**IAAMI UNIVERSITY is located at Oxford, Ohio, on the Chicago division of the Cincinnati, Hamilton, and Dayton Railroad, fourteen miles from Hamilton and forty miles from Cincinnati.

In beauty and healthfulness of surroundings the location is unsurpassed. The ground is high and rolling, with an elevation of 1000 feet above sea level; and the atmosphere is unusually clear and pure. The campus of the University, comprising about sixty-five acres, is justly famed for its beauty.

Oxford is a quiet college town with a population of about 2100. The following religious denominations have churches, in which regular services are held: Methodist, Presbyterian, United Presbyterian, Catholic, and Episcopal. The town is supplied with thoroughly modern electric light plant, water works, and sewer system. During the past ten years, no licenses have been issued for the sale of alcoholic beverages; and the absence of saloons and low resorts makes the environment especially wholesome for college students.

## History

**T**HE Ohio State Normal College of Miami University was established in 1902, after a long period of agitation on the part of various educational organizations.

As early as 1817, Governor Worthington recommended state schools for the training of teachers. Teachers' associations and educational bodies of Ohio passed resolutions in favor



of state normal schools at almost every meeting. The State Teachers' Association agreed to make an annual contribution to maintain a normal school provided that the State would appropriate a stipulated sum annually. The State commissioners of common schools made the recommendation for state normal schools a perpetual paragraph in their reports to the Governor for fifty years, but Ohio had many colleges and two private normal schools which were supplying teachers for the schools, and the legislature was slow to assume this important duty for the State.

Commissioner Bonebrake made the establishment of normal schools the feature of his administration. His first bill, providing for four normal schools, was defeated; but on March 12, 1902, the Assembly provided: "That there be and are hereby created two normal schools," one to be located "in connection with Miami University at Oxford," which Normal School "shall be coördinate with existing courses in said University, and shall be maintained in such state of efficiency as to provide proper theoretical and practical training for *all students desiring to prepare themselves for work of teaching*,"

In September, 1902, the Board of Trustees of the University admitted students to the courses of study established in accordance with the provisions of the act. The College is organized to furnish the public schools of the State with efficient teaching staffs, and to promote the interests of the public education.

## Grounds, Buildings, and Equipment

THE University is picturesquely situated on a high portion of ground, in the eastern part of the village. The campus proper, on which all of the University buildings are placed, comprises about sixty-five acres, the lower portion of which is thickly wooded. North of the lower campus are the athletic grounds, the fraternity row, and the agricultural experiment plot—in all, about forty acres more.

## Buildings

THE MAIN BUILDING is the oldest building on the campus. Part of it was erected in 1824, but it has been recently fitted up with all modern improvements. It is 250 feet long and three stories high. It contains lecture and recitation rooms for various departments of the College of Liberal Arts. It contains also a number of private offices for members of the faculty. The University Commons, the boarding hall for men, is on the second floor of the west wing of this building.

DORMITORIES FOR MEN. There are two dormitories for men: North Dormitory, erected in 1825, and South Dormitory, erected in 1836. Two years ago, both buildings were completely remodeled and refinished. They are lighted by electricity, heated with steam, and provided with bath rooms—one for every eight students. The two dormitories are divided into five halls, each containing accommodations for twenty-four men, and each provided with a separate entry. The halls are named after former professors in the University. In the North Dormitory are the Elliott and Stoddard Halls; in the South Dormitory are the MacFarland, Swing, and Johnson Halls. The men of the freshman class room in these dormitories.

BRICE SCIENCE HALL was erected in 1892, largely through the generosity of the late United States Senator, Calvin Stewart Brice, LL. D., of the Class of 1863. This building is two stories in height, with basement throughout, and is well adapted for use in scientific study. In 1905 it was enlarged, and has now three times its original capacity. All of the science departments except chemistry and elementary agriculture are located in this building.

HERRON GYMNASIUM was built in 1897, and largely remodeled in 1914. It is amply provided with lockers, showers, and dressing rooms for both men and women. The entire second floor is for indoor athletics and physical education, for which it has been especially adapted and equipped.

THE ADMINISTRATION BUILDING was erected in 1907. The southern half contains the Auditorium, which has a seating capacity of 1250. The stage is supplied with suitable scenery and with a pipe organ. On one side of the large entrance lobby on the first floor is the Christian Association Chapel; on the other side are reception rooms, a ticket office, and committee rooms and offices for the various student activities. The second floor has a large central lobby, surrounding which are the administrative offices.

DORMITORIES FOR WOMEN. Two dormitories for women students of the University have been erected: Hepburn Hall in 1905, and Bishop Hall in 1912. Both buildings are completely modern in all of their appointments. Hepburn Hall has rooms for ninety-six women and boarding facilities for one hundred and thirty. It was named in honor of Andrew Dousa Hepburn, now Professor emeritus of English, who served the University with distinction for thirty years. Bishop Hall has accommodations for one hundred and four. It was named in honor of Robert Hamilton Bishop, the first President of the University. One-half of the rooms in the two halls are allotted to the young women of the College of Liberal Arts and the other half to the young women of the Normal College. Students are given rooms in the order of application.

Besides these halls, additional quarters for women have been provided in several cottages established under University patronage. The accommodations and cost are the same as for residence in the halls. These cottages all face the campus and their occupants come to the University dining rooms for meals.

THE CENTRAL HEATING AND LIGHTING PLANT, at some distance removed from the other University buildings, was completed in 1907. Its capacity was increased in 1909 to meet the demands created by the erection of new buildings. All University buildings are adequately supplied with light and heat from this plant.



THE ALUMNI LIBRARY, the gift of Mr. Andrew Carnegie in coöperation with alumni, former students, and friends of the University, was completed in 1909. Its construction is fireproof throughout. It is centrally located on the campus, just south of the Main Building. The reading rooms, stack, and seminar rooms are conveniently arranged. The library has an ultimate capacity of 90,000 volumes.

THE NORMAL COLLEGE BUILDING, the South Pavilion of which was erected in 1909, is especially designed for professional work and training. It illustrates the best modern school-house construction, arrangement, heating, and ventilation. Its equipment is entirely modern. The work of the department of agriculture and of the William McGuffey practice schools is carried on in this building. The Legislature of 1913 appropriated money for the erection of the North Pavilion of this building, which will be ready for occupancy in the fall of 1915.

### Athletic Grounds

THE MIAMI ATHLETIC FIELD is only a short distance from the Gymnasium; it is really a part of the campus. It comprises a football field, a baseball diamond, a quarter-mile running track, and pits for pole vaulting and jumping. Men of the University find it a convenient place for athletic contests.

A carefully worked-out plan for the enlargement and equipment of this field is now being put in operation. In addition to the provision for various intercollegiate contests, there will be a number of new fields for football, baseball, and other intra-mural sports.

THE TENNIS COURTS, eleven in number, are all on the campus. The women students of the University have exclusive use of five of these courts.

An athletic field of four acres for the women has recently been purchased and is being developed as rapidly as possible. It is located within a square of the women's halls of residence.



## Laboratories and Apparatus

**AGRICULTURE AND NATURE-STUDY.** The department of agriculture and nature-study is equipped with particular reference to training teachers to give instruction in these subjects in elementary and secondary schools. In addition to three well-appointed laboratories, a green house, and a large school garden, there are several plots for experimental work in plant-breeding, in fertilization, and in practical forestry—about forty acres in all.

The department maintains also a quail run for experimentation in the problem of preventing the extermination of quail.

**DOMESTIC SCIENCE.** The laboratory of the department of domestic science is on the third floor of the Main Building. The equipment represents what the teachers of domestic science in the public schools may reasonably expect to have to work with. In cookery, each student's working outfit consists of a table, a two-burner electric stove, and a locker containing all necessary utensils. The laboratory is provided with kitchen ranges, refrigerator, store rooms, and the usual dining-room furniture. The sewing room is furnished with convenient and attractive tables, with lockers, and with the best make of sewing machines.

**GEOGRAPHY.** The laboratory of the department of geography is on the second floor of Brice Hall. It will accommodate twenty-four students. The lecture room will accommodate one hundred. The department has a commodious office and a dark room, both opening into the laboratory. The equipment consists of a large collection of maps, relief models, photographs, pictures, and lantern slides.

**MANUAL TRAINING AND DRAWING.** The manual training rooms are on the first floor and in the basement of the east wing of the Main Building.

The wood-working shop is provided with twenty large and modern double benches, each with its tool cabinet and drawer

for students' work. All the general tools needed are included in this equipment. A gasoline engine furnishes power for the following wood-working machines: turning lathes, combination rip and cross-cut saws, joiner, and planer. For the metal-working courses, forges, anvils, vises, hammers, and other small tools are provided. A very large pottery kiln recently has been installed, making possible a variety of experiments in the use of clay in the schools. Both the mechanical and freehand drawing rooms are well equipped with tables, easels, stools, boards, instruments, and models.

### The Library

THE UNIVERSITY LIBRARY contains about 45,000 volumes, and the libraries of the two literary societies for men, housed in the Library Building, contain about 1500 volumes additional.

For the maintenance and enlargement of the library, the State Legislature makes a liberal appropriation annually. The library is particularly rich in American political history and in the records of the United States and of the State of Ohio. During the past year the University has been placed under obligation to alumni and others for several valuable gifts, most important of these being the library of John Riner Saylor of the Class of 1860, about 1200 choice volumes, and the valuable classical library of 400 volumes of William H. Helm, a student at Miami, 1851-52.

Students may draw from the library three volumes at a time, and these may be kept two weeks unless specially restricted. Unless there is other demand, books may be renewed. Persons not members of the University are allowed to take books from the library at the discretion of the librarian.

The book stacks are not open to the students in general or to the public; but cards of admission may be given by the librarian on recommendation of an officer of instruction.

The library is open every week day when the University is in session from 7:30 a. m. to 9:30 p. m. The reading rooms are open for general reading also on Sunday afternoons between

2:30 and 5:30 save on the day on which occurs the monthly University Service. During vacations the library is open from 8:00 to 12:00 a. m. and from 1:00 to 5:00 p. m., except on Saturday afternoons and legal holidays.

### The William McGuffey Schools

The William McGuffey Schools occupy the south pavilion of the Normal Building, and are established to illustrate the best modern school organization and method of instruction. They comprise the kindergarten and twelve years of elementary and secondary school, six years for elementary education and six years for secondary or high school education. Regular critic teachers have charge of the pupils under the direction of the Principal and the Director.

These schools serve as model and experimental schools and are used for practice by the student teachers. In this way, the practice and observation are amid real school conditions. All the problems of the public schools must be met and solved in the course of each student's term of practice. The practice schools include all the eight grades of the elementary schools, a kindergarten, and special class instruction in domestic science, drawing, manual training, and music.

### Fees and Expenses

**A**N incidental fee of \$7.50 a semester, payable at the beginning of the semester, is required of students in the Normal College. *No deduction or rebate is granted on account of late entrance.* No charge for tuition is made in any of the courses.

### Rooms and Board

The rooms in the dormitories for men are of two sizes, the smaller ones renting for \$22.50 and the larger, arranged for two men, for \$45 a semester, payable at the beginning of each



ster. This charge includes heat, light, and janitor service. Additional charge of \$1.25 a semester is made for laundering sheets and pillow cases. The rooms are completely furnished, with the exception of curtains and towels, which the students provide for themselves. Room rent will not be refunded except in cases where the room is re-rented during the semester in which it is vacated.

In the dormitories for women, two students are assigned to a room, and the price charged is \$22.50 a semester each, payable at the beginning of each semester. This charge includes light and heat. An additional charge of \$1.00 a semester is made for laundering of sheets and pillow cases. The rooms are furnished, with the exception of sheets, pillow cases, curtains and towels which the students must provide for themselves. Room rent will not be refunded except in cases where the room is re-rented during the semester in which it is vacated.

The women's dormitories are equipped with modern laundries, where women students, if they choose, may do their own laundry work. The halls are cared for by competent housekeepers. The Dean of Women and the Assistant to the Dean preside over the interests of all the young women students in or out of the dormitories and cottages, and all women students are subject to their authority.

The University Commons, the dining hall for men, is on the second floor of the west wing of the Main Building. The dining halls for women are in Hepburn Hall and Bishop Hall. The dining halls are under the management of the University. They are directed by competent University officials, and are conducted without the idea of profit and for the purpose of providing good wholesome food at the lowest possible cost. The dining rooms are commodious, neat, and attractive; the service is excellent.

Board at the University Commons is furnished for \$2.75 a week, payable in advance in installments of not less than \$1.00 each. Refunds will be made for not less than one week. Single meals are cash. Board at the women's halls is pro-



vided for the 36 weeks of the college year, exclusive of Christmas and the Easter vacations, for \$90. Board is paid in advance in installments of not less than \$10 each. Refunds will be made only for absences of two or more consecutive weeks. Single meal tickets for guests may be secured from the matron.

Meals may be had in private boarding houses at \$3 to \$4 a week. For several years, coöperative clubs have furnished board for about \$3. In general it may be stated that the cost of living in Oxford is very moderate. In every case, it depends upon the student's habits and tastes than upon the village, and legitimate expenditures may be brought within \$250 for expenses of every kind during the collegiate year. A considerable number find their total expenses not more than \$200, and there are students who go through the college for less.

### Diploma Fee

A diploma fee of \$3 is charged to all students who have graduated from the Normal College.

### Summary of Expenses

The expenses which are directly connected with the University are, therefore, as follows:

Incidental fee, a semester . . . . .	\$ 7 50
Laboratory fees, for whole year . . . . .	\$6 00 to 10 00
Rent of room for men in the dormitories, a semester . . . . .	22 50
Board at University Commons, a week . . . . .	2 75
Rent of room for women in dormitories or in the cottages, a semester . . . . .	22 50
Board at Women's Halls, a week . . . . .	2 50
Fee for diploma . . . . .	3 00

Note 1. A fee of \$1 is required of all old students who register at the regular date of registration.

Note 2. A fee of \$1 is required of all students who take second special examinations. No fee is required for entrance examinations.

## Courses of Study

THE courses of study offered by the Normal College are the following:

I. Four-year courses leading to the degree of Bachelor of Science in Education and the State four-year Provisional School Certificate and Special Certificates.

For supervisors and teachers of manual training.

For supervisors and teachers of agriculture.

Five other four-year courses leading to this degree and diploma, and intended for prospective teachers majoring in various groups of high school subjects are offered in connection with the College of Liberal Arts of Miami University. These are described in the general University Catalogue and in a special circular which will be sent on application.

II. Two-year courses leading to the State Normal diploma and the State four-year Provisional Elementary and Special Certificates.

Regular grade teachers.

Special teachers of manual training.

Special teachers of public school music.

Special teachers of household economics.

Special teachers of rural industrial education.

III. One-year course for holders of a Bachelor's degree desiring to take professional preparation for either elementary or secondary school teaching.

## Requirements for Graduation

### Degree

THE degree of Bachelor of Science in Education is conferred upon those students who complete 124 semester hours of work as prescribed by the department of agricultural education or the department of manual training.

## Diploma

The Normal College diploma is conferred only upon students who possess the capacities and the physical and mental qualities necessary to make efficient and progressive teachers who earnestly and consistently endeavor to prepare themselves for teaching; who give satisfactory evidence of skill in teaching and who complete one of the two-year courses of study satisfied for the Normal College. This involves the satisfactory completion of *sixty-four semester hours* of undergraduate work.

Holders of the State Normal diploma are entitled to a one-year provisional certificate without examination.

Holders of the State Normal diploma for regular grade teachers are admitted as juniors to the courses of the College of Liberal Arts leading to the degree of Bachelor of Arts, provided that the fifteen units required for entrance to the College of Liberal Arts have been satisfied.

## University Regulations

### Terms and Vacations

**T**HE college year is divided into semesters. For the college year 1915-16, the first semester begins on Tuesday, September 14; the second semester begins on Saturday, January 1.

Thanksgiving Day is a holiday.

The Christmas recess begins at 4:00 p. m. on December 22, and ends at 10:30 a. m. on January 4.

The spring recess for 1916 begins at noon on Thursday, April 21, and continues until 10:30 a. m. on the Wednesday following.

Washington's Birthday is observed as a holiday.

A summer term of twelve weeks is held each year, beginning on Monday after Commencement. The term is divided into two sessions of six weeks each, with five recitation weeks.

### Class Attendance

Strict attendance upon all college exercises is required. When the student's absences, however few in number, interfere with the satisfactory performance of his work, he will be called before the Dean of his college to give explanation. Upon the Dean's recommendation, any student delinquent in this respect may be called before the University Senate, and shall be liable to suspension.

An absence from class occurring on any one of the three days immediately preceding or immediately following a vacation period counts the same as three absences at other times.

Parents living at short distances from Oxford are urged not to interfere with the work and progress of the students by encouraging or by permitting frequent visits home.

### Examinations

Regular examinations are held at the close of each semester, and are conducted chiefly in writing. At the close of the year, the final examination may embrace the subjects of study for the entire year. In addition to these regular examinations, partial examinations and written recitations are held from time to time during the year, with or without previous notice to the students, at the discretion of the instructor.

Special examinations to remove conditions are held at stated intervals. They may be taken only on the days specified. For each special examination a fee of one dollar is charged, payable in advance at the Treasurer's office.

All examinations are conducted under the honor system.

### Participation in Outside Activities

Students are limited in the number of outside activities in which they may participate. For the purpose of convenience, each activity is weighted a certain number of points for each term, and no student may engage in activities beyond a specified number of points.



## Medical and Sanitary Supervision

One of the principal objects of the Department of Physical Education is the early detection of all those influences which affect the health of the students. All freshmen and sophomores are examined in the fall and spring of the college year in order to discover the presence of any condition which may be working against the health interest of the individual or his associates.

The examinations are much like those made by any careful physician. In addition to securing a record covering the important hygienic and other health factors in the student's past life, there is an examination of eyes, nose, throat, teeth, heart, lungs, and of such special conditions as appear necessary. After his examination each student is given such advice as seems necessary and appropriate for formulating intelligently his own policy of personal health control.

If there is a physical condition found that appears to need treatment, the fact is entered on a card and sent to the parent with the request that the card be referred to the family physician. The best results are secured by seeking the coöperation of the parents in matters concerning the health of the students.

All individuals needing medical treatment are advised by the Department, and the treatment is carried out with the assistance of the college nurse, who devotes her time to the medical needs of the students.

The Department inquires from time to time into all institutional influences which are likely to affect the health of the students. The Director of Physical Education is the Health Officer of the University, and, with the assistance of the college nurse and the Professor of Bacteriology, exercises every reasonable effort to make the institution safe and attractive to the clean and healthy student.

## Organizations

### Christian Associations

THE Young Men's Christian Association is an effective agency in promoting religious ideals and knowledge among the men of the University. Besides the regular devotional services, the Association conducts Bible and mission study classes for men. A considerable number of men are enrolled in these classes each year.

The Young Women's Christian Association also does most effective work. Its devotional meetings and Bible and mission study classes are largely attended and its influence for good among the young women is very marked.

Both Associations lay much stress on sound religious knowledge. Some of the Bible classes are taught by professors. Representatives from the Association attend the annual summer conferences of Christian workers and the quadrennial convention of the Student Volunteer Movement.

The Associations contribute also to the social life of the University, especially at the opening of the year. No other student organizations have a wider field of usefulness.

### Literary Societies

Two literary societies for men are maintained in the University, the Erodolphian and the Miami Union. These societies were founded in 1825, and both have charters from the State. They meet on Friday evenings in their halls in the Main Building. They are not secret in organization, and welcome all young men who desire to improve themselves in oratory, in debating, and in other forms of public address. Their spirit is commendably earnest, and students are recommended to connect themselves with one of them.

The Liberal Arts Club is a flourishing literary society, founded in 1903 for young women who are students in the College of Liberal Arts. The club meets fortnightly. A

second literary society, the Leagorean, was organized with similar purposes in the fall of 1914.

The Pierian Society was founded in 1902, and the Thalian Society in 1910, by the young women of the Ohio State Normal College of Miami University. They hold weekly meetings and present programs that are especially adapted to the interests of Normal College students.

The Franklin Literary Society is composed of the students of the Summer Term. Meetings are held on Friday night of each week during the first session of the Summer Term.

### University Publications

The official publication of the University is *The Miami University Bulletin*. It is issued monthly throughout the year from the publication office in the Auditorium.

In this series appear the annual catalogue of the University, the announcements of the Summer Term, the President's Report to the Board of Trustees, and the Alumni News Letters. The remaining issues are devoted to monographs by members of the faculties.

A flourishing weekly periodical, *The Miami Student*, is maintained by the students of the University; and the junior class publishes each year an attractive college annual, *The Recensio*. The offices of the student publications are in the Main Building.

### University Services

Special religious services are held in the University Auditorium on the afternoon of the third Sunday of each month, at two-thirty o'clock. At the services, a sermon is preached usually by some clergyman from outside of town.

The University preachers from March, 1914, to February, 1915, were the following:

Charles Stelzle, Consulting Sociologist, New York City.  
President George R. Grose, DePauw University, Greencastle, Indiana.



The Reverend Charles L. Thompson, Secretary of the Board of Home Missions of the Presbyterian Church, New York City.

The Reverend Shailer Mathews, Dean of The Divinity School, University of Chicago, Chicago, Illinois.

President Raymond Mollyneaux Hughes, Miami University, Oxford, Ohio.

The Reverend Joshua Stansfield, Meridian Street Methodist Episcopal Church, Indianapolis, Indiana.

President Frank L. McVey, University of North Dakota, Grand Forks, North Dakota.

The Reverend Thomas H. Hanna, Jr., United Presbyterian Church, Bloomington, Indiana.

The Reverend John W. Hancher, Assistant Secretary, The Board of Education of the Methodist Episcopal Church, New York City.

Oscar Taylor Corson, Editor of Ohio Educational Monthly, Columbus, Ohio.

### Special Lectures and Entertainments

During each college year, a number of special lectures and entertainments are given at the University. These are of varied nature to suit the individual tastes of as large a public as possible. Some of the entertainments are given under the auspices of the Union Lyceum Committee, composed of representatives from the Village of Oxford, the Western College for Women, the Oxford College for Women, and Miami University. Other entertainments are given under the auspices of the various departments of the University.

The list of lectures and entertainments given from February, 1914, to February, 1915, includes the following:

The Williams Jubilee Singers. Concert.

Ye Merrie Players, Miami University. Mid-Year Play, "Justice" by John Galsworthy.

Professor J. M. Burnham, University of Cincinnati. Archaeological Lecture, "Old Parchments and Illuminated Manuscripts." Le



- Cercle Français, Miami University. "Les deux sourds," by Labiche.  
Miss Sara Norris, Miami University. Organ Recitals.
- James Hollingsworth, Terre Haute, Ind. Lecture, "Why Christians Should Be Socialists."
- German Club, Miami University. Die Schulreiterin, by Pohl.
- Frank Speaight, Reader. Selections from "Pickwick Papers" and "Nicholas Nickleby."
- The Ben Greet Players. "She Stoops to Conquer."
- Professor Gordon J. Laing, University of Chicago. Archaeological Lecture, "Roman Remains in Northern Africa."
- The Miami University Glee Club. Concert.
- Professor Dayton Clarence Miller, Case School of Applied Science. Illustrated Lecture on "Analysis of Sound Waves."
- The Arion Choir, Miami University. Concert, "St. Paul", by Mendelssohn
- The Sophomore Normal Class, Miami University. "Alice Sit-by-the-Fire", by Sir James M. Barrie.
- The Senior Liberal Arts Class, Miami University. "The Mollusc" by Hubert Henry Davies.
- Federico Alfonso Pezet, Minister from Peru to the United States. Commemorative Address, "Contrast in the Development of Nationality in Anglo and Latin America."
- The Philharmonic Club, Miami University Summer School. Concert, "The Wreck of the Hesperus," by Thomas Anderson.
- A. P. Sandles, Secretary of the Ohio State Board of Agriculture. Address.
- Dean H. C. Price, The College of Agriculture, Ohio State University. Address.
- "The Dawn of Plenty". Illustrated Lecture by a Representative of the International Harvester Company.
- A. C. Monahan, of the Division of Rural Education, United States Bureau of Education. Illustrated Lecture.
- Frank W. Miller, State Superintendent of Public Instruction. Lecture.
- Frank B. Dyer, Superintendent of Boston Public Schools. Lecture.
- Professor George W. Hoke, Miami University. Illustrated Lecture on "Japan".
- Metropolitan Grand Quartet. Concert.
- The Coburn Players. "Jeanne d'Arc", "The Merry Wives of Windsor" and "Iphigenia in Tauris".
- Professor J. A. Culler, Miami University. Illustrated Lecture on "Light".
- Cecil Fanning. Song Recital.
- White's Musical Review. A Costume Carnival.
- Cyrena Van Gordon. Song Recital.
- Russian Symphony Orchestra, Modest Altschuler, Conductor. Concert.
- Seeborn Wright. Lecture on "Prohibition".

Witherspoon-Hinkle Company. Song Recital.

Miss Cameron, Columbia University. Lecture, "Dramatization in the School."

Women's Music Club, Oxford. Recital.

Garrett Chatfield Pier, Chicago. Archaeological Lecture, "Masterpieces of Sculpture and Painting in Old Japan."

Language Clubs, Miami University. Pastorals.

Richard Wyche. Southern Folk-lore.

Fritz Kreisler. Violin Recital.

The Madrigal Club, Miami University. Concert, assisted by the Schell-schmidt Trio, of Indianapolis.

Bouck White. Lecture on Socialism.

## Requirements for Admission

**C**ANDIDATES for admission to the Ohio State Normal College must be possessed of good health, good moral character, a serious attitude toward teaching, and such scholastic attainments as will satisfy either Entrance Requirements A or Entrance Requirements B.

### Entrance Requirements A

Graduation from a first grade high school in Ohio in accordance with Sec. 7658, Ohio Statutes; or from a high school of similar grade in other states. (Students entering under Requirements A must satisfy all the nine required units of Requirements B. 1).

### Entrance Requirements B

Fifteen units of high school work, a unit being considered as a course of study covering a school year of not less than thirty-six weeks, with five recitation periods a week of at least forty minutes each.

1. The following nine units are required:

English .....	3	Physics or chemistry, with lab-	
History .....	1	oratory work .....	1
Algebra to quadratics .....	1	Latin, Greek, French, or Ger-	
Plane geometry .....	1	man .....	2

The six additional units must be selected from the following:

Algebra through progressions...	1/2	Civics .....	1/2
Beginner's Latin .....	I	Medieval or modern history...	1/2
Cæsar .....	I	Chemistry or physics with laboratory work .....	I
Cicero's Orations.....	I	Botany, zoölogy, or biology with laboratory work .....	I
Virgil .....	I	Physiology .....	1/2
Elementary French .....	I	Physiography .....	1/2
Second year French .....	I	Solid geometry .....	1/2
Elementary German .....	I	Manual training .....	1/2 or I
Second year German .....	I	Drawing .....	1/2 or I
Greek and Roman history .....	1/2		
U. S. history.....	1/2		
Elementary agriculture....	1/2 or I		

*Note*—In addition to the 15 units prescribed above, musical ability and some technical skill with voice and piano are required for entrance to the course in music.

## II. Ten units are required as follows:

1. Three units in English
2. Seven units from the following groups:
  1. Greek and Latin
  2. Modern language other than English
  3. Ancient history, medieval and modern history, English history, United States history, civics, economics
  4. Mathematics
  5. Physics, chemistry, botany, zoology, general biology, physiography, general astronomy.

The seven units must be taken as follows:

- a. Three or more units must be selected from one of the groups: if from group one or group two the three units must be in one language: if from group five neither physics nor chemistry can be offered in less amount than a unit.
- b. Two or more units must be selected from another single group under same conditions governing the selection of the three units.
- c. Two units in subjects selected from any of the groups.

Five additional units from any subject accepted by an approved high school for its diploma.

## Extension Work for the Public Schools

THE Normal College desires to be of the greatest possible service to the public schools of the state, and has arranged for extension work as follows:

A. Visits of Professors

Upon application, the Normal College will form centers of extension work, and will send professors to visit the schools; to advise with teachers as to the best methods of conducting the work in special subjects, suggesting equipment and laboratory exercises; to conduct round-table conferences with groups of teachers; and to deliver lectures to teachers, pupils, and patrons.

The following departments are prepared to make visits:

Education	Agricultural Education
Methods	Nature-Study
Elementary Mathematics	Music
Geography	Drawing
History	Manual Training
English	

Sometimes these visits can be arranged without cost to the schools visited, but usually the expenses are to be borne by them.

Lending Lantern Slides and Laboratory Material

The Normal College is prepared to lend to schools sets of lantern slides upon school improvements, geography, nature-study, travel, etc., and to send collections, specimens of field crops, and various other kinds of illustrative material for instruction in agriculture and nature-study.

In all such cases the school making the request will pay transportation.

A copy of the *Miami University Bulletin* of January, 1911, containing a list of all slides and specimens available, will be sent upon request.

B. Extension Work for Credit

In order to meet the demands of the new law a large number of extension centers were established by the Ohio State Normal College in 1914. These extension centers were visited by the regular professors of the Normal College. The work will be carried on in 1915 under the following conditions.



Students who enter the extension class must have the same qualifications for admission as such course would require in residence. The course shall consist of not less than fifteen two-hour lessons or lectures or both in each course and the credit shall be two semester hours. The Normal College will offer only such courses as are a part of its regular curriculum. The fee for the course is \$5.00. Course should not begin later than October 1st, and each center must contain at least twenty members. Any teachers interested in Extension Work should correspond with Dr. B. M. Davis, Director of Extension Work, Ohio State Normal College, Oxford, Ohio.



## Conspectus of Four-Year Courses

### A. Special Teachers of Manual Arts

#### FIRST YEAR

Object Drawing and Sketching (Drawing 113).....	2
Elementary Mechanical (Draw. 114).....	4
Elementary Design (Drawing 118).....	2
Psychology; Principles of Teaching (Education 110)...	6
Rhetoric and Composition (English 1).....	6
Handwork in Wood (Manual Training 114).....	6
Sanitation and Health a. Hygiene; First Aid.....	1
b. Physical Education.....	2
Elective .....	2
Credits required first year.....	31

#### SECOND YEAR

General Chemistry (Chem. 1 or 2) .....	8
Advanced Mechanical Drawing (Drawing 119).....	4
Constructive Design (Draw. 123)	2
Modern Educational Tendencies (Edu. 113).....	3
Cabinet Making (Manual Train. 117).....	6
Trig.; Analytics; Shop Math. (Math. 113).....	6
Elective.....	2
Credits required second year...	31

#### THIRD YEAR

Architectural; Topographical; Patent Office Drawing (Drawing 122).....	4
Principles of Teaching (Edu. 130).....	3
Economic History of the U. S. (History 113).....	4
Paper and Cardboard Work; Bookbinding (Manual Train. 113).....	4
Building Construction (Manual Train. 116b).....	2
Bench Metal Work (Manual Training 119).....	4
General Physics (Physics 1) ..	8
School Systems and Adm. (School Adm. 140).....	3
Credits required third year....	32

#### FOURTH YEAR

Machine Drawing and Design (Drawing 124).....	4
Organization; Special Method (Manual Training 120.).....	4
Wood Turning; Pattern Making (Manual Train. 115).....	4
Sheet-metal Work (Manual Train. 118 b) .....	2
Modeling; Pottery (Manual Train. 121).....	4
Labor Problems (Sociology 3a)	3
Teaching Manual Arts (Teaching 115).....	4
Elective.....	5
Credits required fourth year...	30

1. After the second year, opportunity is offered for some specialization in wood-working, metal-working, mechanical drawing, or art and hand-work (course to be arranged).
2. No student is permitted to take more than one-half of his course in drawing and manual training.
3. A student desiring to teach after two years' work will note the statement on page 36.

## B. Special Teachers of Agriculture

(Rural industrial education for township superintendents and for principals and science teachers of high schools in agricultural communities.)

FIRST YEAR			
First Semester		Second Semester	
General Botany (Botany 1) . . . .	4	General Botany (Botany 1) . . . .	4
Psychology, Child-study, Principles of Teaching and Methods (Education 110) . . . . .	3	Psychology, Child-study, Principles of Teaching and Methods (Education 110) . . . . .	3
Freshman English (English 1) . .	3	Freshman English (English 1) . .	3
Chemistry . . . . .	4	Chemistry . . . . .	4
Freshman Lecture . . . . .	½	Freshman Lecture . . . . .	½
Physical Education . . . . .	1	Physical Education . . . . .	1
SECOND YEAR			
Plant Propagation and Soil Fertility (Agricultural Education 114a) . . . . .	3	Plant and Animal Improvement (Agricultural Education 114b) . .	3
Dendrology (Botany 2) . . . . .	2	Dendrology (Botany 2) . . . . .	2
Wood-working (Manual Training 114a) . . . . .	3	Education 113 (Modern tendencies) . . . . .	3
Principles of Sociology (Sociology 1) . . . . .	3	Building Construction (Manual Training 116b) . . . . .	3
Physical Education . . . . .	1	Principles of Sociology (Sociology 1) . . . . .	3
Elective . . . . .	3	Physical Education . . . . .	1
		Elective . . . . .	1
THIRD YEAR			
Animal Nutrition (Agricultural Education 115a) . . . . .	3	Domestic Animals (Agricultural Education 115b) . . . . .	3
Trigonometry, Analytics, and Shop Work Mathematics (Mathematics 113) . . . . .	3	Trigonometry, Analytics, and Shop Work Mathematics (Mathematics 113) . . . . .	3
Mycology (Botany 3a) . . . . .	3	Plant Pathology (Botany 4b) . . .	3
Labor Problems (Sociology 3a) . .	3	Rural Communities (Sociology 3b) . . . . .	3
Economic History of U. S. (History 113) . . . . .	2	Principles of Teaching (Education 130) . . . . .	3
Elective . . . . .	2	Economic History of U. S. (History 113) . . . . .	2
FOURTH YEAR			
Problems in Rural Education (Agricultural Education 116) . .	1	Problems in Rural Education (Agricultural Education 116) . .	1
Forging (Manual Training 119) . .	2	Bench Metal Work (Manual Training 119b) . . . . .	3
Entomology (Zoology 7) . . . . .	4	Entomology (Zoology 7) . . . . .	4
School System and Administration (School Admin'tration 140) .	3	School System and Administration (School Admin'tration 140) .	3
Teaching 119 . . . . .	4	Teaching 119 . . . . .	4
Elective . . . . .	1	Elective . . . . .	1

Other four-year courses for high school teachers are described in the general catalogue and in a special circular sent on request.

## Conspectus of Two-Year Courses

### A. Regular Grade Teachers

#### FIRST YEAR

##### First Semester

Agriculture (I) III.....	3
Drawing III.....	1
English III.....	3
Geography (I) III.....	4
History (I) III.....	4
Mathematics (I) III.....	4
Music III.....	1
Physical Education.....	$\frac{1}{2}$
Psychology III.....	3
15 $\frac{1}{2}$ or 16 $\frac{1}{2}$ hours must be carried	

##### Second Semester

Agriculture III.....	3
Drawing III.....	1
English III.....	3
Geography III.....	4
History III.....	4
Mathematics III.....	4
Music III.....	1
Physical Education.....	$\frac{1}{2}$
Principles of Teaching.....	3
15 $\frac{1}{2}$ or 16 $\frac{1}{2}$ hours must be carried	

#### SECOND YEAR

##### First Six Grades

*Grammar, Method (I) II2.....	1	Grammar, Method II2.....	1
Handwork (I) II2.....	2	Handwork II2.....	2
Music II2.....	$\frac{1}{2}$	History of Education (I) II2....	3
*Observation II2.....	2	Music II2.....	$\frac{1}{2}$
*Physical Education II2.....	$\frac{1}{2}$	*Observation II2.....	1
*Reading, Method (I) II2.....	2	*Physical Education II2.....	$\frac{1}{2}$
*Sanitation and Health (I) II2..	3	*Reading, Method II2.....	2
*School Administration (I) II2..	3	*Sanitation and Health II2....	3
Sewing and Cooking (I) II2....	3	*School Administration II2....	3
*Teaching II2.....	3	Educ. Sociology (I) II4b.....	2
Elective.....	1	*Teaching II2.....	3
16 hours must be carried		Elective.....	1
		16 hours must be carried	

*Note*—All subjects marked (I) are one semester subjects and are offered in each semester.

In addition to the courses marked \*, teachers for 7th and 8th grades will select 11 hours from the following:

English.....	6 hours	Mathematics.....	3 hours
Agriculture.....	3 hours	Zoology.....	3 hours
History and Civics.....	3 hours	Economics.....	3 hours
Library Economy.....	3 hours	Methods in Primary	
Music.....	1 hour	Grades.....	2 hours



## B. Special Teachers of Manual Arts

FIRST YEAR		SECOND YEAR	
Object Drawing and Sketching (Drawing 113) .....	2	Advanced Mech. Drawing (Drawing 119) .....	4
Elementary Mechanical Drawing (Drawing 114) .....	4	Constructive Design (Drawing 123) .....	2
Elementary Design (Drawing 118) .....	2	Modern Educational Tenden- cies (Education 113b) .....	3
Psychology, Principles of Teach. (Education 111) .....	6	Organization and Spec. Method of the Manual Arts (Manual Training 120) .....	4
Rhetoric and Composition (English 1) .....	6	Cabinet Making (Manual Training 117) .....	6
Handwork in Wood (Manual Training 114) .....	6	Trig.; Analytics; Shop Math. (Math. 113) .....	6
Sanitation and Health a. Hygiene; First Aid .....	1	School Organization and Management (Sch. Adm. 112b) .....	3
b. Physical Education .....	2	Teaching Manual Arts (Teaching 115) .....	4
Elective .....	3	Credits required second year ..	32
Credits required for first year ..	32		

All students are strongly urged to complete the full four-year course (see page 33) and receive the degree of Bachelor of Science in Education, thereby placing themselves in line for the better teaching positions. However, those who must teach before completing the four-year course may take the course above and receive a State Diploma and State Teaching Certificate. All electives in the course must be Manual Arts subjects.

## C. Special Teachers of Public School Music

FIRST SEMESTER		SECOND SEMESTER	
Drawing III .....	1	Drawing III .....	1
Psychology III .....	3	Principles of Teaching III .....	3
English III .....	3	English III .....	3
Music III .....	3	Music III .....	3
Music II2 .....	2	Music II2 .....	2
Music II5 .....	2	Music II5 .....	2
Music II7 .....	2	Music II7 .....	2
Physical Education .....	½	Physical Education .....	½
SECOND YEAR			
Music II3 .....	2	Music II3 .....	2
Music II4 .....	2 or 3	Music II4 .....	2 or 3
Music II6 .....	2	Music II6 .....	3
Music II8 .....	2	Music II8 .....	2
Observation .....	I ½	Observation .....	I ½
Teaching II7 .....	2	Teaching II7 .....	2
School Administration .....	3	History of Education .....	3

NOTE: Special fees are charged for private lessons in voice. The following rental fees for the use of instruments are required:

Piano: \$4 a semester, one hour each day.

Pipe organ: \$7.50 a semester, one hour each day.

Extra hours *pro rata*.

## D. Special Teachers of Domestic Science

### FIRST YEAR

First Semester		Second Semester	
Agricultural Education 113.....	3	Chemistry .....	
Chemistry 11.....	4	Domestic Science 113.....	3
Domestic Science 114.....	2	Domestic Science 114.....	2
Domestic Science 115.....	2	Drawing 125.....	1
Drawing 118.....	1	Education 111.....	3
Education 111.....	3	English 111.....	3
English 111.....	3	Physical Education.....	$\frac{1}{2}$
Physical Education.....	$\frac{1}{2}$		$16\frac{1}{2}$
	$18\frac{1}{2}$		

### SECOND YEAR

Chemistry 12.....	3	Agricultural Education.....	4
Domestic Science 116.....	2	Domestic Science 116.....	2
Domestic Science 117.....	3	Domestic Science 117.....	2
Domestic Science 119.....	2	Domestic Science 118.....	2
Domestic Science 121.....	1	Domestic Science 121.....	1
Teaching 118.....	2	Drawing 120.....	1
School Administration 112.....	3	Education 113.....	3
	$16$	Teaching 118.....	2
			$17$

## E. Rural Industrial Education

(For township superintendents, principals and science teachers in agricultural communities)

Upon the approval of the professor of Agricultural Education, and under his direction, a group of studies amounting to two years' work may be selected from the four-year course in agriculture, upon satisfactory completion of which a Normal College diploma for special teachers in Rural Industrial Education will be granted.

## Courses of Instruction

The following pages show the organization of courses under:

(1) The Principles of Education, including Psychology, Principles of Teaching, History of Education and Educational Sociology; (2) Practice Teaching, including observation, conference, plan-writing and class-room teaching; (3) School Organization, including The Elementary Course of Study, School Room Management, School Law; (4) Content and Method, under which will be found an alphabetical list of the courses.

### Principles of Education

JOHN WALTER HECKERT, A. M., Professor

W. E. SEALOCK, A. B., Associate Professor

W. H. WILEY, A. M., Associate Professor

### Education

110. **PSYCHOLOGY AND ADOLESCENCE.** A course in general and applied psychology for those who are preparing to teach in high school. The first semester will treat, in a general way, of the elementary characteristics of consciousness and their relation to behavior. In the second semester the more advanced theories and recent experimental data bearing upon the special period of adolescence will be considered. Some work in experimental pedagogy, especially in high school subjects, will initiate the pupil into this promising field of applied psychology. Both semesters. Six hours credit. Mr. Wiley.
- 111a. **PSYCHOLOGY, INCLUDING CHILD-STUDY.** A study of the nature of sensations, percepts, images, memories, feelings of relationship, feelings of meaning, judgments, emotions, feelings of willing; the nature of mental life as a whole; the functions of mental states; the structure and action of the nervous system. Dynamic psychology: a study of the laws of mental action in their relation to attention, memory, habit-formation, reasoning, action, etc. Child-study: a brief survey of the periods of development in the life of the child; children's instincts and their function in the process of education; the development of intellect, of the moral nature, and of motor control; heredity and abnormalities in children. First semester. Three hours credit. Mr. Heckert and Mr. Wiley.

- 111b. **PRINCIPLES OF TEACHING AND THE METHOD OF RECITATION.** A course in the application of principles of general and educational psychology to the problem of teaching. Observation of teaching in the William McGuffey Schools and experimentation in class constitute a part of the work in this course. Method of the recitation; the principles of teaching applied to the problems of the recitation. A discussion of these problems. The application of the principles of teaching in the preparation of lesson plans in the several branches of the curriculum of the elementary school illustrated. Second semester. Three hours credit. Mr. Heckert and Mr. Wiley.
- 112b. **HISTORY OF EDUCATION.** Education in the middle ages. Renaissance and humanistic education. The reformation and its influence upon education. Educational tendencies during the seventeenth and eighteenth centuries: realstic education; the disciplinary conception of education; the naturalistic movement represented by Rousseau. The psychological tendency as represented by Pestalozzi, Herbert, Froebel, and Rosmini. The scientific tendency. The sociological tendency. The present tendencies in education, especially in the United States. Three hours credit. Mr. Sealock.
- 113b. **MODERN EDUCATIONAL TENDENCIES.** A course in the history of education in modern times. Two sections—one for domestic science students, and one for manual training students. Four hours credit. Mr. Sealock.
- 114b. **EDUCATIONAL SOCIOLOGY.** The purpose of the course is to set forth the social influences of the school in developing the child's efficiency as a member of society: (a) of those within the school room, play ground, school garden, etc.; (b) of those obtained through the co-operation of home and school, i. e. mothers' and parents' meetings, educational associations, etc. Two hours credit.
120. **HISTORY OF MODERN EDUCATION.** A study of present educational institutions, curricula, and aims in the light of their development since the Renaissance, with special emphasis on the evolution of secondary education, and city school systems in America. Lectures, required reading, discussions, and reports.
130. **PRINCIPLES OF TEACHING.** A study of the principles of teaching with special reference to their application in high school branches. Among the topics discussed are the following: educational aims and the special function of the high school; fundamental traits of the adolescent; the several modes of learning in



their application to high school studies; the organization of lessons when the chief end in view is either drill, the development of concepts, or their application; training the high school student to think and organize materials; the theory of interest and the special interests of the students of this period; principles controlling in measuring the results of teaching; questioning; supervised study; preparation of lesson plans. Three hours credit. Mr. Heckert.

## Practice Teaching

John Walter Heckert, A. M., Director  
Critic Teachers

### 112. Regular Grade.

Students prepare series of lessons and teach them in the William McGuffey Elementary School. This work is organized on two fundamental principles: (1) that the students must not fail in their practice teaching through any lack of preparation, and (2) that the development and establishment of right ideals and methods of teaching in the minds of the student teachers demand that the practice teaching be carried on under careful supervision and criticism, and that it extend over a considerable period of time. With these ends in view, the courses in history, geography, and English are offered in the first year, as are also the courses in psychology, the principles of teaching, the method of recitation, the history and teaching of mathematics, and the special method in history and geography. The special method in spelling, reading and literature is given during the second year. While the students are studying the principles of teaching, they are required to observe the teaching of critic teachers. In this manner they obtain a more comprehensive view of the meaning of these principles and also come to know the class room situation. Finally, students are taught to plan lessons. Continuous teaching of about one-half hour daily begins with the sophomore year and continues to its close. During this time students are under the immediate direction of the critic teachers, to whom they are responsible for preparation and the actual teaching of the lessons. During the entire year, however, student teachers who require more care than the critic teachers are able to give them will be in charge of the Director. Total credit, three hours.

### 115. Special Teachers of Manual Arts.

Observation, making lesson plans and teaching under supervision in the William McGuffey Schools. Two hours credit. The Director and Mr. Smith.

117. Special Teachers of Public School Music.  
Similar treatment of the course above. Two hours credit. The Director and Miss Wood.
118. Special Teachers of Domestic Science.  
Similar treatment of the course above. Two hours credit. The Director and Mrs. Noble.
119. Special Teachers of Rural Industrial Education.  
Similar treatment of the course above. Two hours credit. The Director and Miss Reinhart.

### School Organization

HARVEY C. MINNICH, D. Ped., Professor

A general discussion of the elementary course of study, its aim, and organization; comparative study of American and European school room control, class organization; daily programs, attendance, school records; The School Code of Ohio.

## Content and Method

### Agricultural Education and Domestic Science

BENJAMIN MARSHALL DAVIS, Ph. D., Professor

LENA ROSS, Assistant Professor

NELLIE LOWE NOBLE, Instructor

IDA REINHART, Instructor

#### Agricultural Education

111. NATURE STUDY. Methods and aims of subject. Illustrations are selected with special reference to their availability and importance for instruction in elementary schools. The course includes study of common birds, insects, trees, etc. Considerable attention is given to school-garden plans and practice. One lecture and two laboratory periods a week. Either semester. Three hours credit. Mr. Davis and Assistant.
- 112b. SANITATION AND HEALTH. Emphasis is placed upon important life processes as related to intelligent care of the human body. Much attention is given to school health and sanitation. The subject is presented chiefly by means of laboratory experiments, many of which may be adapted by teachers for use in elementary schools. One lecture and two laboratory periods a week. First semester. Three hours credit. Mr. Davis and Miss Reinhart.

113. **HOUSEHOLD BIOLOGY.** First semester—Study of life processes with particular reference to the human body. (See 112b.) One lecture and two laboratory periods a week. Three hours credit. Second semester—Applied biology dealing with bacteria, molds, yeasts, and other common organisms met with in daily life. Two lectures and two laboratory periods a week. Four hours credit. Mr. Davis and Miss Reinhart.
- 114a. **PLANT PROPAGATION AND SOIL RELATIONS.** Propagation and care of plants based upon principles of physiology of plant growth. Noxious weeds. Relation of plant to soil, including principles of soil fertility. One lecture and two laboratory periods a week. First semester. Three hours credit. Mr. Davis and Assistant.
- 114b. **ANIMAL AND PLANT IMPROVEMENT.** Biological principles of animal and plant improvement. Management of breeding plots. Laboratory and field study of field crops. Two lectures and one laboratory period a week. Second semester. Three hours credit. Mr. Davis and Assistant.
- 115a. **ANIMAL NUTRITION.** Animal physiology with especial reference to nutrition (rations and feeding). Three recitations a week. First semester. Three hours credit. Mr. Davis.
- 115b. **DOMESTIC ANIMALS.** Classification of domestic animals; history and development of various types; stock judging. Three lectures or demonstrations a week. Second semester. Three hours credit. Mr. Davis.
116. **RURAL EDUCATION.** Seminar work on various problems and current practices in rural education. One evening weekly throughout the year. One hour credit. Mr. Davis.

### Domestic Science

- 112a. **COOKERY AND HOME MANAGEMENT.** This work will include: Preparation and serving of foods; Food sanitation; marketing; household accounts. Lecture and laboratory work.
- SEWING AND HANDWORK.** This will require: Designing; drafting; construction. The particular problems will be patterns, garments, housefurnishings. Lecture and laboratory work. Three hours credit.
- 113b. **ELEMENTARY SEWING.** The fundamental principles of drafting and cutting patterns from measurements. The making of simple garments from original designs. The use and care of machines.



Students furnish most of the material they use. One lecture and eight hours sewing a week. Drawing 118a is prerequisite, and Drawing 118b must be taken as a parallel course. Fee for material, \$1. Second semester. Three hours credit. Mrs. Noble and Miss Reinhart.

114. **ELEMENTARY COOKERY.** A systematic study of the principles and methods involved in the preparation of food. The composition, production, manufacture, and physiological value of the food stuffs of the world are considered. Fee for material, \$3. One lecture and three hours laboratory work a week. Two hours credit. Miss Ross and Miss Reinhart.
- 115a. **TEXTILES.** The production, properties, preparation, and treatment of fibers used in textile manufacture. The historical development of spinning and weaving, and the modern processes of manufacturing. The laboratory work includes weaving, dyeing, and basket making. Original designs for the work are made. Many different materials are used. Fee for material, \$1. One lecture and four hours laboratory work a week. First semester. Two hours credit. Mrs. Noble.
- 116a. **DRESSMAKING.** Emphasis is placed on artistic and skillful hand-sewing, and on application of the principles of design. Course 113 is prerequisite. Students furnish most of the material they use. Fee for material, \$1. One lecture and five hours laboratory work a week. First semester. Two hours credit. Miss Ross.
- 116b. **HANDWORK CONSTRUCTION.** The designing, construction, and trimming of hats. Course 113 and Drawing 118 are prerequisite. Students furnish most of the material they use. Fee for material, \$1. Second semester. Two hours credit. Miss Ross.
- 117a. **ADVANCED COURSE IN FOODS.** Preservation of fruits and vegetables; advanced cookery; invalid cookery; infant feeding. Course 114 is prerequisite. Fee for material, \$3. One lecture and six hours laboratory work a week. First semester. Three hours credit. Miss Ross.
- 117b. **ADVANCED COURSE IN FOODS (Continued).** Cost, preparation, and serving of formal meals in the home; simpler meals for home and institutions; school luncheons. Fee for material, \$3. One lecture and one laboratory period a week. Second semester. Two hours credit. Miss Ross.
- 118b. **DIETETICS.** This course treats of the relation of the composition of the body, its waste and repair, to the proportion and kind of food required and to the composition of various typical foods; it



introduces the student to the hypotheses formulated from current dietetic research. Course 114 is prerequisite. Second semester. Two hours credit. Miss Ross.

- 119b. **ECONOMICS OF THE HOUSEHOLD.** The economic history of the household; the family income and its expenditure; marketing and the economical purchase and preservation of food. The principles of laundry work are taught through practical application. Courses 113 and 114 are prerequisite or parallel courses. Fee for material, \$1. Two lectures and two hours laboratory work a week. Second semester. Two hours credit. Mrs. Noble.
- 121a. **HOUSE FURNISHING.** The application of the principles of harmony in line, in dark and light, and in color, to designs in interior decoration. Drawing 118 is prerequisite. Three hours laboratory work a week. First semester. One hour credit. Miss Ross.
- 121b. **SANITATION.** A study of water supply systems, sewers, disposal of waste, milk supplies, ice supplies, and shop sanitation, in so far as their products entering the home may spread contagion; general sanitation of the home,—disinfection, fumigation, cleaning. One lecture a week. Second semester. One hour credit. Miss Ross.

## Drawing

FRED CAMPELL WHITCOMB, B. S., Professor  
MARY EDNA FLEGAL, A. B., Assistant Professor  
GEORGIA SAYLOR, Instructor  
MAYME BOTTS, Instructor  
FOREST TOBIAS SELBY, Instructor  
J. WARREN SMITH, Instructor  
LESLIE HALL, Assistant

111. **PUBLIC SCHOOL DRAWING.** The purpose of this course is threefold: (1) To develop an appreciation of the principles of composition—rhythm, symmetry, subordination, and proportion. (2) To apply this appreciation to school-room problems, household decoration, and the products of a local industry. (3) To acquire skill in handling chalk, pencil, and brush. One hour credit. Miss Flegal.
113. **OBJECT DRAWING AND SKETCHING.** The emphasis in this course is placed upon the technical expression of art principles. Elementary perspective is also included. One hour credit. Miss Saylor.

114. MECHANICAL DRAWING. (1) Technical freehand sketching, (2) freehand lettering, (3) orthographic projection, (4) simple working drawings, (5) pictorial representation, (6) tracings, (7) blue printing. Text: French's *Engineering Drawing*. Students may rent instruments. Two hours credit. Mr. Whitcomb and Assistants.
118. ELEMENTARY DESIGN. Arranged especially for Manual Arts students. Practical application of the principles of design is made to problems arising in Manual Training courses 114 and 118. Texts: Noyes' *Design and Construction in Wood* and Rose's *Copper Work*. One hour credit. Miss Saylor.
119. ADVANCED MECHANICAL DRAWING. (1) Working drawings, (2) theory of orthographic projection, (3) developed surfaces, (4) intersections, (5) lettering, (6) tracing, (7) blue-printing. Texts: French's *Engineering Drawing* and Smith's *Practical Descriptive Geometry*. Two hours credit. Mr. Whitcomb and Assistant.
120. HOUSE PLANNING. Arranged for Domestic Science students. (a) Blue prints of a small house are copied to a different scale; (b) each student designs and makes the plans and specifications for a house; (c) the class studies the various problems which arise in planning and building a house. One hour credit. Mr. Whitcomb and Mr. Smith.
122. ARCHITECTURAL; TOPOGRAPHICAL; PATENT OFFICE DRAWINGS. The drafting of a set of house plans is made the basis of this part of the course, (a) perspective shades and shadows, (b) simple map and profile drawing, (c) patent office drawings, (d) lettering. Text: French's *Engineering Drawing*. Given 1914-15 and alternate years. Two hours credit. Mr. Whitcomb and Mr. Smith.
123. CONSTRUCTIVE DESIGN. The principles of design are studied and used in making a number of designs for furniture. Text: Crawshaw's *Furniture Design*. The following courses are prerequisite: Drawing 113, 114 and 118 and Manual Training 114. One hour credit. Mr. Whitcomb.
124. MACHINE DESIGN. An elementary course in this subject. Drawing courses 114 and 119 are prerequisite. Manual Training 119 should be taken as parallel course. Given 1915-16 and alternate years. Two hours credit. Mr. Whitcomb and Mr. Selby.
125. ELEMENTARY DESIGN. Arranged especially for Domestic Science students. Practical application of the principles of design is made to problems arising in the sewing, textile, and dressmaking courses. One hour credit. Miss Saylor.

## English

FRANCES GIBSON RICHARD, A. M., Associate Professor

- III. COMPOSITION AND LITERATURE. First semester—Theme writing. Correction of incorrect habits of speech. Drill in the art of story telling. Literature for children. Folk-lore, myth, and legend; the ethical and inspirational value of classical stories. Second semester—Literature. Selection from modern literature of material for public school work. Analysis of masterpieces. Organization of material by grades. Dramatization of grade material. Theme writing correlated with class study. Three hours credit. Mrs. Richard.
- II2. COMPOSITION AND SPELLING. Composition: aims in teaching oral and written composition; the difficulties in the way; the materials upon which the work should be based; organization of thought as an element in composition writing; teaching form in language; effective ways of making corrections. Spelling: selection of words to be assigned for one lesson; facts pupils should know about each word; proper methods of teaching spelling from the point of view of psychology. One hour credit.
- II3. READING AND LITERATURE. What a good method of teaching reading ought to provide for; a criticism of various methods from this point of view; teaching pupils to read for thought, for expression, with fluency; the use of the "reader" in the upper grades; proper materials for reading in the several grades; methods of presenting literary wholes; what can be done to secure appreciation of good literature. One hour credit.
- II4. METHOD IN GRAMMAR. The purpose of the course in grammar; the proper sequence of topics of study; the selection of material for a motive; the inductive method of treatment. One hour credit. Mr. Heckert.

## Geography

GEORGE WILSON HOKE, Ph. M., Professor  
MILDRED AINSLEY, Assistant

- III. HOME AND WORLD GEOGRAPHY. A survey of the fundamental conditions of the home situation, and its relations to the larger geographic features of the world as a whole, from the standpoint of teaching in the elementary grades. Two recitations and two laboratory periods per week. Repeated each semester. Four hours credit.



112. REGIONAL GEOGRAPHY. A survey of the fundamental geographic conditions in selected areas of Eurasia and the Americas from the standpoint of teaching Geography in the upper grades. Two recitations and two laboratory periods per week. Repeated each semester. Four hours credit.

## History

CLARENCE EDWIN CARTER, Ph. D., Professor

- 111a. THE HISTORY OF THE UNITED STATES TO 1790. Early American history from the period of discovery to the making of the Federal Constitution. Attention is given to such subjects as the European background, motives for colonization, the life of the people, governmental institutions, the conflict between France and England for the control of North America, the relations of the colonies to the mother country, the American Revolution, the period of the Confederation and the organization of the Federal governments. Four hours credit. One hour of the four will be devoted to methods of teaching history.
- 111b. THE HISTORY OF THE UNITED STATES, 1790-1914. Emphasis is laid on such topics as political parties, the slavery controversy, problems arising out of the civil war and reconstruction periods, and the social and economic development of the whole period. Four hours credit.
113. THE ECONOMIC HISTORY OF THE UNITED STATES. Beginning with the period of American colonization, the growth of industry, agriculture, commerce, transportation, and labor is traced from the simple, isolated agricultural communities of the colonies to the complex industrial and commercial society of to-day. Lectures, assigned readings, and reports. Two hours credit.

## Manual Training

FRED CAMPELL WHITCOMB, B. S., Professor

FOREST TOBIAS SELBY, Instructor

J. WARREN SMITH, Instructor

GEORGIA SAYLOR, Instructor

MAYME BOTTS, Instructor

112. PUBLIC SCHOOL HANDWORK. A study of the different forms of handwork as related to the grade work. These forms include paper and cardboard construction, modeling with clay, weaving, woodworking, etc. Fee for material, fifty cents. One hour credit. Miss Saylor, Miss Botts, and Mr. Smith.



113. PAPER AND CARDBOARD WORK; BOOKBINDING. (1) The historic development of the paper industry. Constructive problems based on the use of paper and cardboard in connection with the principles of design. The articles made involve the processes of tearing, cutting, folding, mounting, pasting, weaving, and constructing. (2) The development of the bookbinding industry, together with a brief study of printing and lettering in connection with bookbinding, repairing of books, and making of pamphlets, tablets, and note-books. Fee for material \$1. Two hours credit. Given 1914-15 and alternate years. Miss Saylor.
114. WOODWORKING. From working drawings and blue prints, a number of simple pieces of woodwork are made. The correct use of tools is emphasized. By means of lectures, readings, drawings, and experiments, the following topics are considered: the classification, structure, use, and evolution of tools; forms of fastenings; wood finishing; seasoning of wood; lumbering; saw milling and forestry. Fee for material, \$2. Three hours credit. Mr. Whitcomb and Mr. Smith.
115. WOOD-TURNING, PATTERN-MAKING. A study of the lathe, turning tools, methods of turning and methods of finishing. Cabinet turning, including the processes of turning between centers, face plate, and chuck work. Pattern turning and bench work, including some simple foundry work with soft metals. Fee for material, \$2. Given 1915-16 and alternate years. Two hours credit. Mr. Selby.
- 116b. BUILDING CONSTRUCTION. The erection of a small frame building is made the basis of the work of this course. A thorough study is made of building materials, of processes, of methods, and of the mechanics of carpentry. Some knowledge of the use of the common woodworking tools is prerequisite. Fee for material, \$2. Second semester. Not given 1915-16. Two hours credit. Mr. Selby.
117. CABINET MAKING. From the designs made in Drawing 123 (which should be taken as a parallel course), articles of furniture are constructed. Caning, upholstering, simple carving, inlaying, and metal trimming are employed in the course. A study is made of the different styles and periods of furniture and of the joints used in cabinet making. Woodworking machines are used and studied. Manual Training 114 and Drawing 114 are prerequisite. Fee for material, \$3. Three hours credit. Mr. Whitcomb and Mr. Smith.

- 118b. SHEET METALWORK. Tin, sheet iron, sheet copper, and sheet brass are used as materials. Instruction is given in bending, sawing, filing, riveting, soldering, and hammering. Decoration by means of piercing, etching, chasing, embossing, flame and acid coloring, and enameling. Drawing 118 is prerequisite. Fee for material, \$2. Second semester. Given 1915-16 and alternate years. Two hours credit. Mr. Selby.
119. METALWORKING. First semester—An elementary course in forging, including the usual processes of drawing, bending, twisting, upsetting, welding, and shaping of wrought iron and soft steels, and the annealing, hardening, tempering, and working of high carbon steel. Second semester—A number of processes of bench work with cold metal are considered, such as chipping, filing, fitting, polishing, drilling, riveting, and threading. Fee for material, \$2. Given 1914-15 and in alternate years. Two hours credit. Mr. Selby.
120. ORGANIZATION AND SPECIAL METHOD OF THE MANUAL ARTS.  
(a) The place of the manual arts in education, relation to society, to child nature and to the curriculum. (b) The organization of the work in elementary and secondary schools, in industrial and trade schools, etc. (c) Methods to be used in teaching the manual arts. Two hours credit. Mr. Whitcomb.
121. CLAY MODELING AND POTTERY. A study of the principles of design, with clay as the medium of expression. The study of form and construction is arranged in a series of progressive lessons, beginning with simple lines and masses, in moulding, repeated borders, and pottery. The course has direct relation to the manual arts and to pottery, but is also designed to meet the needs of teachers in elementary schools. Fee for material, \$1. Two hours credit. Given 1915-16. Miss Saylor.

*Note*—A portion of each drawing and manual training course is professional in its nature, dealing with the methods of teaching that particular course. The amount of professional work in each course is indicated below in credit hours placed in parentheses after the number of the course: Drawing 114 (1½), 118 (½), 124 (1), Manual Training 113 (1), 114 (3), 115 (1), 116b (½), 117 (3), 118b (12), 119 (1), 121 (1).

## Mathematics

THOMAS LYTLE FEENEY, A. M., Professor

- 111a. MATHEMATICS FOR THE FIRST SIX GRADES. The nature of number and the various methods of presenting number facts and processes are considered. The theories of Pestalozzi, Grube, Fitzga, Dewey and others are discussed as far as time permits and a rational method of procedure worked out in the class.

The written processes with integers are worked over, common and decimal fractions taken through the fundamental operations and the tables of weights and measures applied to the solution of problems arising in life. For freshmen in the course for grade teachers. Four hours credit.

111b. 111a repeated.

112a. MATHEMATICS FOR THE SEVENTH AND EIGHTH GRADES. Percentage is taught to show how topics in pure numbers are handled. The functions of a bank, the organization of a stock company, a village bond issue, local taxes and insurance are discussed to indicate a rational method of presenting topics in applied arithmetic. The proper place of algebra and geometry in the grades is carefully considered. For sophomores in the course for grade teachers. Elective. Three hours credit.

## Music

\*RAYMOND H. BURKE, B. S., Director and Associate Professor

AUBREY W. MARTIN, Acting Director

SARA NORRIS, A. B., Instructor

\*MARY BUSHNELL, Instructor

MARY B. WOOD, Instructor

111a. ELEMENTARY MUSIC. A course in the fundamental principles of musical structure. Study of notation with frequent drills in rapid sight reading based on the best public school music material. Memorizing, reading and writing melodies. General topics: music, tone, rhythm, melody, interpretation, and appreciation. One hour credit. Mr. Martin.

111b. PUBLIC SCHOOL MUSIC. General topics: relation of music to public education; general principles of teaching school music; survey of current school music courses; course of study for elementary schools; methods of teaching. One hour credit. Mr. Martin and Miss Wood.

112. PUBLIC SCHOOL MUSIC. Upper grades and high school. General topics: two, three and four part singing; care and preservation of the boy's voice; the bass staff; development of bass and tenor voices; departmental music; survey of best music for grammar grades and high schools; arrangement of material, lesson plans and observation work. One-half hour credit. Mr. Martin and Miss Wood.

\*Absent on leave.



113. HARMONY. A course in musical composition and analysis. Study of the formation, connection, and resolution of the fundamental chords, chromatically altered chords, and augmented sixth chords. Suspensions, ornamental tones, sustained tones, and modulation. Cadence formulas and harmonic analysis. Memorization of chords and chord functions. Invention and harmonization of melodies in different voices. Composition in the unitary, binary, ternary, minuet, march, waltz, theme with variations, and rondo forms. The course is based on Richter's and Tapper's Manuals of Harmony. Prerequisite, Music III. Three hours credit. Miss Norris.
114. HISTORY OF MUSIC. A course in the evolution of music. General topics: primitive music and music of the ancient cultured nations, catholic church music, medieval music, development of choral music, German and English protestant music, musical instruments and the growth of instrumental music, and the invention and evolution of the opera. Study of the following great master composers, and their relation to the musical movements of the time: Bach, Handel, Gluck, Hayden, Mozart, Beethoven, Weber, Schubert, Schumann, Mendelssohn, Chopin, Berlioz, Liszt, and Wagner. Recent composers and music in the different national groups. The course is copiously illustrated and is based on Dickinson's *The Study of the History of Music*. Prerequisite, Music III. Three hours credit. Mr. Martin.
115. SINGING. A study of fundamentals of good voice production. Vocal studies and part-songs. Individual and class work. Student rehearsals. Two lessons and six to eight hours work required each week. Two hours credit. Miss Wood.
116. ADVANCED SINGING. The development of vocal technique. Continuation of vocal studies and part-songs. Individual and class work. Student rehearsals. Two lessons and six to twelve hours work required each week. Two hours credit. Miss Wood.
117. PIANO PLAYING. Technical and interpretative studies in piano playing, and study of the less difficult piano literature of the old and modern schools. Work in sight reading to cultivate the playing of an accurate and of a sympathetic accompaniment to hymns, part-songs, and solos. Individual and class work. Student rehearsals. Two lessons and six to twelve hours work required each week. Two hours credit. Miss Norris.
118. ADVANCED PIANO PLAYING. The development of piano technique. Study of the more difficult piano literature of the old and modern schools. Pipe organ playing for sufficiently advanced students. Individual and class work. Student rehearsals. Two lessons



and six to twelve hours work required each week. Two hours credit. Miss Norris.

119. CHORAL LITERATURE.

- A. *The Glee Club*, organized in 1907, gives annually a program of the best part-songs, choruses, and ballads, written for men's voices. Membership is limited to thirty voices chosen from the Arion Choir. Students who can both sing and play some orchestral instrument, including the piano, mandolin, and guitar are especially desired. Credit not to exceed two semester hours for the entire year is given according to the quality of work accomplished. Rehearsals, Wednesday and Friday evenings, 6:45-7:45 o'clock. Mr. Martin.
- B. *The Madrigal Club*, organized in 1908, gives annually, with a visiting soloist, a program of the best part-songs, choruses, and cantatas, written for women's voices. Membership is limited to thirty voices chosen from the Arion Choir. Credit not to exceed two semester hours for the entire year is given according to the quality of the work accomplished. Rehearsals, Wednesday and Friday evenings, 4:00-5:00 o'clock. Miss Norris.
- C. *The Arion Choir*, organized in 1911, gives annually a cantata or oratorio with visiting soloists and combination pipe organ and piano accompaniment. Membership is limited to two hundred voices chosen by competition open to all the students of the University. In 1914-15, *Aida*, by Verdi, is given. Rehearsals, Monday evenings, 6:45-7:45 o'clock. Mr. Martin and Miss Norris.
- D. *The Chapel Choir*, organized in 1911, sings at the regular Chapel and University services. A Processional and Recessional in vested costume are sung in the latter service. The members are chosen from the Glee and Madrigal Clubs. Rehearsals, Saturday, 11:30-12:00 o'clock. Mr. Martin and Miss Norris.

## Physical Education and Hygiene

ALFRED D. BROWN, M. D., Professor  
EDITH CORNER, A. B., Instructor  
HOWARD W. FLACK, A. B., Instructor  
HARRIET HERALD, Assistant  
MARGARET FOX, Nurse

The object of this department in the Normal College is two-fold: first, to give the student such supervision and instruction as will enable her to secure and conserve her own health by intelligent attention to the laws of health and hygiene, and to aid her, through her own efforts, to keep her body in the best physical condition possible; second, to train her to

become a capable worker in school gymnastics or calisthenics and in school-yard and playground supervision.

To these ends special indoor and outdoor exercises, games, and dances are used according to the season, the needs of the students, or the stage of the course. Special application of this training, and supervision in all forms of exercises, plays, and games in grade, high school, and playground work is given by interclass and intergroup contests and field-days arranged at various times during the year, and also by exceptional opportunities afforded by the practice teaching in the William McGuffey Schools.

It is supplemented by study of courses of instruction in physical training and hygiene, of plans of playgrounds and school-yards, and of equipment of playgrounds and gymnasiums.

Instruction in hygiene is given one hour each week during the second semester of the freshman year. This course consists of lectures and sanitary excursions. The lectures comprise personal hygiene, analysis of air, soils, water, adulterations of foods, milk supplies and products, transmission of diseases, immunity, heredity and eugenics, industrial and occupational diseases, etc.

## Public Speaking

ARTHUR LOREN GATES, A. M., Professor

112. **READING COURSE FOR TEACHERS.** The study of the expression of the simplest styles of literature—narration, description, etc. Practice in placing power and spirit in every tone of the voice. The use of the teacher's voice in the school room. Three hours credit. Mr. Gates.

## Candidates for B. S. in Education

### Seniors

Grafton, Paul A.....Delphos      Selby, Forrest Tobias.....Oxford

### Juniors

Geeting, Asa Earle.....Oxford      Hall, Leslie V.....Covington, Ky  
Moore, James Austin.....EdinburgInd.

### Freshman Class

Name	School	Entrance Units	Address
Carson, Ray Marjory.....	McGuffey .....	15.....	Oxford
Cetone, Estella Frances.....	Stivers.....	15.....	Oxford
Cookson, Ernestine .....	Troy.....	15.....	Troy
Foulkes, Thomas G.....	Vaughnesville .....	13.....	Columbus Grove
Hartzell, Lenore Marie.....	McGuffey.....	15.....	Oxford
Jordan, Frank Albert .....	Middletown.....	18.....	Middletown
Manrod, Carl .....	Milford Twp.....	15.....	Oxford
Stults, Emma .....	Middletown.....	18½.....	Middletown
Trovillo, Martha Ellen.....	Frankfort .....	15.....	Dayton
Walters, Zura M.....	Washington Twp.....	15.....	Celina
TOTAL 10; Men, 4; Women, 6.			

## Normal College

### Sophomore Class

Ainsley, Mildred H...Connersville, Ind.	Doughton, J. Duer.....Hubbard
Allen, Lucille Marie .....St. Louis, Mo.	Douglas, Bonnie June ..... Greenville
Beachler, Lulu..... West Milton	Drayer, Bessie Lillian .....Middletown
Beck, Pauline.....Albion, Ind.	Eck, Elise May .....Middletown
Betscher, Edna.....Cincinnati	Field, Amy.....Hamilton
Black, Leah D.....Chillicothe	Floto, Marie E.....Steubenville
Block, Theresa Clara ..West Alexandria	Forbes, Lathenia Dunn .....Oxford
Bobenmeyer, Ethelwyn.....Hamilton	Gabler, Ruth Flora .....Chillicothe
Boggess, Helen May.....Springfield	Ganson, Josephine Alice ....Springfield
Boyd, Lillian .....	Gaskill, Helen N.....Kings Mills
Brandewie, Blanche.....Minster	Giffen, Grace.....Sabina
Brotherton, Marie Ella.....Delphos	Gregg, Helen.....Upper Sandusky
Brown, Ethel Ashley..Fort Wayne, Ind.	Gregg, Inez.....Genoa
Carson, Victoria E.....Oxford	Hadsell, Laura .....Hicksville
Carver, Mary Elizabeth.....Oxford	Hard, Bertha Elizabeth.....Chillicothe
Clason, Dorothy .....	Hanstein, Christine.....Grovesport
Connor, Ruth .....	Heidlebaugh, Mary M.....Columbus Grove
Cotton, Herbert Milton.Richmond, Ind.	Heizer, Edith Lillian .....Norwood
Criswell, Mary Elnor .....	Hendrixson, Mary Ethel.....Feesburg
Critzler, Mamie Belle .....	Herkenhoff, Mabel Elenora.....Minster
Cropper, Marie .....	Hetherington, Louise .....Hillsboro
Doorley, June.....Hillsboro	Hill, Marie.....Blanchester

Hinkle, Mary Ethel.....	Middletown	Seal, Ruth Varner.....	Harrison
Howard, Verdie Mae.....	Richwood	Shannon, Goldie.....	Mt. Orab
Hummel, Nellie.....	Middletown	Sheffler, Loree A.....	Rising Sun
Hunt, Corda.....	Blanchester	Sheley, Estella Agnes.....	Trenton
Huston, Cartmel B.....	Morganfield, Ky.	Smith, Dorothy.....	Ashtabula
Jolliff, Ruth M.....	Richwood	Smith, Harriet Ruth.....	Mt. Healthy
Jump, Leta S.....	Forest	Spining, Edith Cecelia.....	Springfield
Leedom, Lucinda.....	St. Paris	Stark, Charlotte.....	Mansfield
Linch, Cora E.....	Steubenville	Stark, Virginia.....	Mansfield
Loudon, Virginia V.....	Georgetown	Stockstill, Martha B.....	Sidney
Lowry, Agnes.....	Upper Sandusky	Trimble, Ethel L.....	Kings Mills
McCurdy, Zada May.....	Richwood	Trump, Addie May.....	Hamilton
McIntire, Josephine.....	Mansfield	Vance, Edith Elizabeth.....	Highland
McVey, Mary.....	Oxford	Wallace, Gertrude C.....	Oxford
Martin, Chester C.....	Sardinia	Warning, Opal.....	Blanchester
Martin, Oscar C.....	Sardinia	Weaver, Edward.....	Troy
Martin, William Henry.....	Covington, Ky.	Wespiser, Agatha.....	Oxford
Milbourne, Viola Belle.....	Oxford	West, Hazel.....	Cuba
Miller, Lucille.....	Toledo	West, Mabel.....	Cuba
Mohme, Minnie Freda.....	Dean	Wilson, Edna Louise.....	Seven Mile
Morris, Gertrude.....	Ashtabula	Wolf, Louise.....	Xenia
Moyer, Gladys.....	Vermilion	Wright, Frances.....	Oxford
Moyer, Lois.....	Vermilion	Yahn, Arna Leona.....	Kasson, Minn.
Ruscher, Louise.....	Norwood	Yost, Myrtle Edna.....	Camden
Russell, Maude May.....	Sidney	Ziegler, Martha Gertrude.....	Cincinnati
Schneider, Della Louise.....	Kenton	TOTAL 95: Men, 6; Women, 89	

## Freshman Class

Name	High School	Entrance Units	Address
Agle, May Irene.....	Springfield	15	Springfield
Ankeney, Edna Winnifred.....	Beaver	15	Xenia
Ashton, Richard.....	McGuffey	13	Oxford
Bainer, Elizabeth.....	Marysville	15	Marysville
Barton, Geraldine Louise.....	McGuffey	15	Oxford
Bauer, Helen.....	Miamisburg	16	Miamisburg
Beal, Luella Adelle.....	McGuffey	15	Oxford
Beaton, Marie Crawford.....	Oxford	15	Oxford
Beck, Grace Marie.....	Lancaster	15	Lancaster
Berry, Nellie Belle.....	Spencerville	15	Spencerville
Bigony, Leda Marguerite.....	Lebanon	15	Lebanon
Black, Helen.....	Lewisburg	15	Lewisburg
Borger, Nellie Marie.....	Germantown	15	Germantown
Bower, Mary Eleanor.....	Rushsylvania	15	Rushsylvania
Bowyer, LaVerne.....	Kings Mills	15	Foster
Braxton, Ruth.....	Paoli	15	Paoli, Ind.
Brotton, Ethel Mildred.....	Woodward	13½	Cincinnati
Busic, Bernice M.....	London	15	London
Caldwell, Jane.....	Chillicothe	15	Chillicothe
Campbell, Helen.....	Kenton	15	Kenton
Campbell, Zelma.....	Harrison	15	Harrison
Carver, Thankful.....	Oxford	15	Oxford
Cason, Edna.....	New Richmond	15	New Richmond
Cecil, Bertha Van Eaton.....	Stivers	12½	Dayton



Name	High School	Entrance Units	Address
Cetone, Ethel Bernice	Steele	15	Oxford
Chamberlin, Kathryne	Vinita	15	Vinita, Okla.
Chambers, William W.	Kings Mills	15	Kings Mills
Chapman, Fannie L.	Ashtabula	15	Ashtabula
Clark, Ella N.	Higginsport	*	Higginsport
Collins, Edna Mary	Delphi	15	Delphi, Ind.
Coblentz, Lovena Ruth	Bradford	15	Gettysburg
Corbin, Pearl Juanita	Kalida	15	Kalida
Curran, William G.	Kings Mills	15	Kings Mills
Custer, Nellie Ethel	Peebles	15	Peebles
Dalrymple, Nola	Eaton	15	Eaton
Davidson, Adeline	Notre Dame	15	Hamilton
Dawson, Hazel Doris	New Holland	15	Clarksburg
DeLong, Florence Eveline	Wapakoneta	15	Cridersville
Dickey, Sylvia Josephine	Steele	15	Dayton
Diener, Urban Edward	Celina	15	Celina
Dine, Belva Lue	Celina	15	Celina
Doles, Harold Hopkins	Greensburg	15	Greensburg, Ind.
Duff, Agnes	Oak Harbor	15	Oak Harbor
Edgar, Chloe	Wauseon	15	Wauseon
Edwards, Helen	Marysville	15	Marysville
Elder, Ruth	Pioneer	15	Pioneer
Ellsberry, Marjorie Page	Bethel	15	Bethel
Englert, Otto Lee	Kings Mills	15	Kings Mills
Everett, Eloise	Woodstock	15	Woodstock
Ewing, Helen G.	McComb	15	Deweyville
Fecher, Constantine John	St. Joseph Col	13	Ft. Recovery
Fenton, Gladys	Arcanum	15	Arcanum
Fley, Mary	Georgetown	15	Georgetown
Flindt, Dorothy May	Springfield	15	Springfield
Fornshell, Doris	Miamisburg	15	Miamisburg
Geeting, Cecil	McGuffey	15	Oxford
Geeting, Smith	Oxford	15	Oxford
Goode, Grace	St. Paris	15	St. Paris
Goodwin, Fern	Lima	15	Lima
Gray, Pearl	Centerburg	15	Sunbury
Gressle, Norma M.	Hamilton	15	Hamilton
Groves, Frances A.	McComb	15	McComb
Hancock, Alice May	Hamilton	15	Hamilton
Hanlon, Ann Eliza	Hillsboro	15	Hillsboro
Harback, Margaret	Lebanon	15	Franklin
Harvey, Gladys Myrtle	Highland	15	Highland
Heidlebaugh, Harold	Columbus Grove	15	Columbus Grove
Henderson, Esther	Marysville	15	Marysville
Hight, Rowena May	Celina	15	Celina
Holdsworth, Anna May	Lockland	15	Oxford
Hover, Mary Ruth	Lima	15	Lima
Hughes, Mary Diana	Lebanon	15	Lebanon
Hurley, Mary Lucille	Chester Township	15	Wilmington
Huston, Hazel Hanna	Hamilton	15	Hamilton
Hutson, Lucille Louise	Sandusky	15	Sandusky
Inwood, Lila Sargent	Chester Township	15	New Burlington

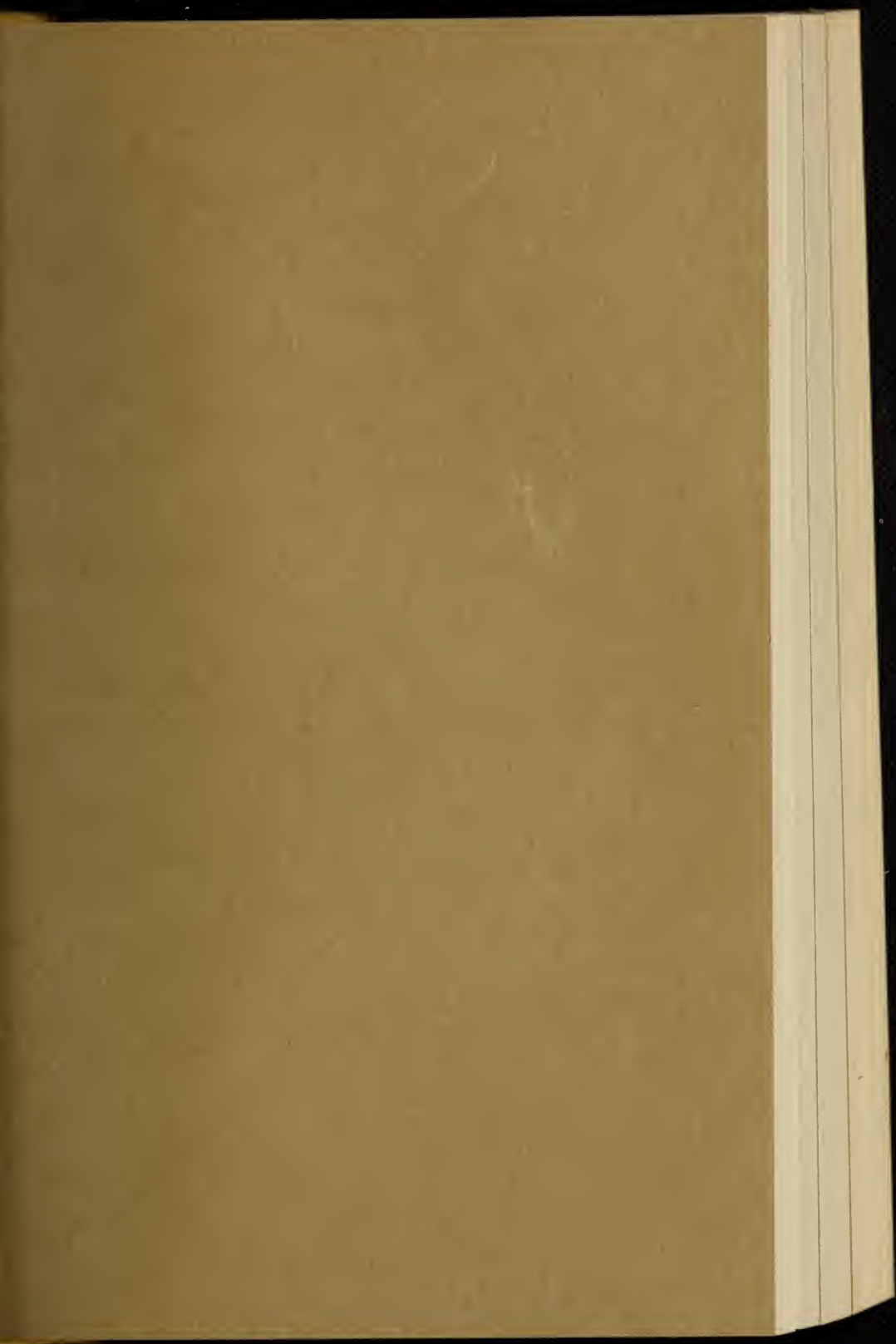
\*Experienced teacher

Name	High School	Entrance Units	Address
Jackson, Floyd McKenzie.....	West Union.....	15	West Union
Keene, Marie A.....	Fountain City.....	14	Fountain City, Ind
Kelter, Pauline Harriet.....	Beaver Creek.....	15	Dayton
Kelz, Bertha A.....	Hamilton.....	15	Hamilton
Kemp, Helen.....	Stivers.....	15	Dayton
Kerns, Julia Anne.....	Clinton.....	15	Columbus
Key, Isabelle.....	Maysville.....	15	Maysville, Ky
Kindler, Beulah.....	Circleville.....	15	Circleville
King, Helen.....	Wyoming.....	15	Wyoming
Kinsey, Margaret Florence.....	Eaton.....	15	Eaton
Krickenberger, Henry.....	Greenville.....	15	Greenville
Laird, Gladys Gwendolyn.....	Amelia.....	15	Amelia
Langel, Helen.....	Celina.....	15	Celina
Lawrence, Madeline.....	Sidney.....	15	Oxford
Laymon, Berneda.....	Mt. Orab.....	15	Oxford
Liebholt, Rudolph.....	Ohio Mech. Ins.....	13 3-5	Cincinnati
Liggett, Cecil.....	New Dover.....	12	New Dover
Lins, Chloe.....	Belle Center.....	15	Belle Center
Litehiser, Mary Margaret.....	Eaton.....	15	Eaton
Little, Mary Manetta.....	Lewisburg.....	15	Ansonia
Lockwood, Ethel M.....	Greenville.....	15	Greenville
Long, Cora.....	Kings Mills.....	15	Kings Mills
Ludwig, Rose Luella.....	Sidney.....	*	Anna
McCray, Stella.....	College Corner.....	15	College Corner
McFall, Mary Louise.....	Hamilton.....	15	Hamilton
McFall, Louise M.....	Camden.....	15	Camden
McKenzie, Mabel.....	Steele.....	15	Dayton
McKinney, Ethel.....	Blanchester.....	15	Blanchester
Malick, Lois.....	Celina.....	15	Celina
Marsh, Charlotte Maud.....	Portsmouth.....	15	Portsmouth
Miller, Helen Louise.....	Garrettsville.....	15	Garrettsville
Montgomery, Edith V.....	Alexandria.....	15	Alexandria, Ind.
Moore, Mattie.....	Edinburg.....	15	Edinburg, Ind.
Moreland, Mary.....	Alexandria.....	15	Alexandria, Ind.
Morrison, Bessie Louise.....	Peebles.....	12½	Peebles
Moser, Nora Edith.....	Upper Sandusky.....	15	Upper Sandusky
Mulford, Ruby.....	Lebanon.....	15	Lebanon
Neff, Frances Catherine.....	London.....	15	London
Nixon, Alta.....	Lebanon.....	15	Lebanon
Nugent, Ruth.....	Harrison.....	15	Harrison
O'Dell, Pearl.....	Norwalk.....	15	Norwalk
Pancake, Luella.....	Frankfort.....	15	Frankfort
Peet, Mary Emily.....	Lancaster.....	15	Lancaster
Pierret, Gladys.....	Madisonville.....	15	Madeira
Pierson, Clyde Duvall.....	McGuffey.....	15	Oxford
Plack, Aurelia Jessie.....	Hamilton.....	15	Hamilton
Plock, Frances Jeanette.....	Tippecanoe City.....	15	Tippecanoe City
Price, Anna C.....	Hubbard.....	13	Hubbard
Prudent, Catherine V.....	New Richmond.....	15	New Richmond
Pugh, Ethel Marie.....	McGuffey.....	15	Oxford
Reed, Florence.....	Springfield.....	15	Springfield
Rethlingshafer, Mary.....	Hamilton.....	15	Hamilton

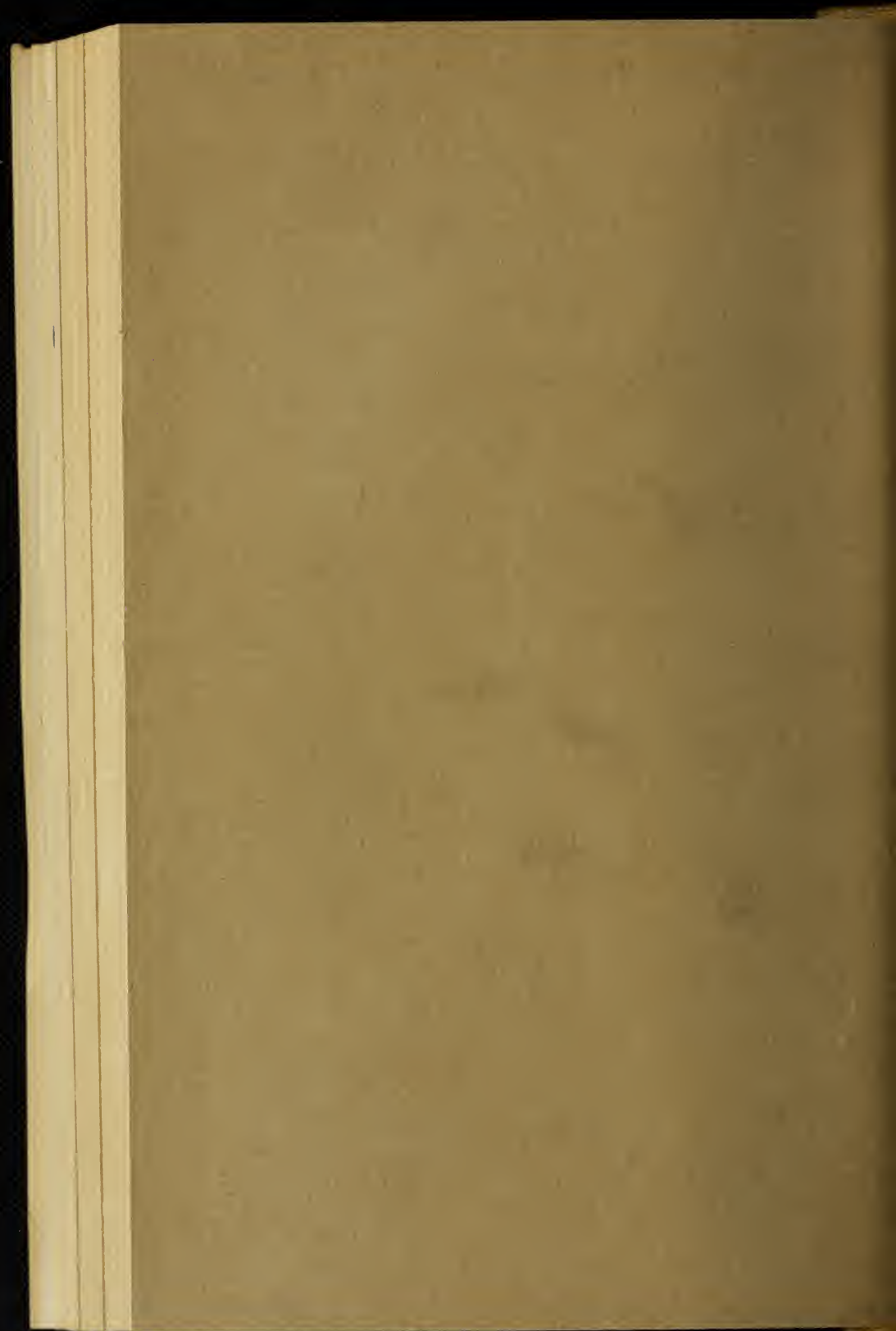
\*Experienced teacher.

Name	High School	Entrance Units	Address
Rex, Bernice Margaret.....	DeGraff .....	15.....	DeGraff
Ridenour, Stella Marie .....	Eaton .....	15.....	Eaton
Rife, Florence Jennie.....	St. Marys.....	13½.....	St. Marys
Rinehart, Mary Gertrude.....	Waverly.....	15.....	Waverly
Rittenhouse, Mary Bly.....	Frankfort.....	15.....	Austin
Roberson, Harvey C.....	McGuffey.....	15.....	Oxford
Robertson, Edith.....	Oxford.....	15.....	Oxford
Robinson, Pauline.....	Marysville.....	15.....	Marysville
Rockhold, Sarah R. ....	Hillsboro .....	15.....	Hillsboro
Schmidt, Louia.....	Hamilton.....	15.....	Hamilton
Shaffer, Mary C.....	Lawrenceville .....	15.....	New Carlisle
Shoemaker, Grace.....	Delaware .....	15.....	Delaware
Shue, George .....	Brookville .....	15.....	Oxford
Sigg, Edith .....	Lemon Twp.....	15.....	Monroe
Sloneker, Ruth.....	Hamilton.....	15.....	Hamilton
Snyder, Helen .....	Mansfield.....	15.....	Mansfield
Spining, Susie Wade .....	Springfield .....	15.....	Springfield
Stubbs, Dorothy Mary .....	Eaton.....	15.....	Dayton
Sutkamp, Bernadine.....	Bellevue.....	15.....	Bellevue, Ky
Swallow, Clarence W.....	St. Marys.....	15.....	St. Marys
Talbert, Margaret.....	West Elkton.....	15.....	West Elkton
Townsley, Bertha W.....	Washington C. H.....	15.....	Washington C. H.
Tracy, Kathryn .....	Huntsville.....	15.....	Huntsville
Trew, Merle .....	Oxford.....	15.....	Oxford
Trissler, Gwendoline.....	Forest.....	15.....	Franklin
Turnbull, Blanche .....	Springfield.....	15.....	Cedarville
Turner, Nelle .....	Marysville.....	15.....	Marysville
Vandervort, Pearl.....	Blanchester .....	15.....	Blanchester
Van Wormer, Hazel .....	Central .....	15.....	Toledo
Wade, Mary Ruth.....	Wilmington.....	15.....	Wilmington
Weaver, Ruth.....	Batavia .....	15.....	Batavia
Weidman, Frances.....	Marysville .....	15.....	Marysville
Werner, Wilbur S.....	Covington .....	15.....	Covington, Ky.
Wheatley, Eda.....	Steele.....	15.....	Dayton
Wheatley, Genoa .....	Steele.....	15.....	Dayton
Woodruff, Russell .....	McGuffey.....	13.....	Oxford
Wright, Alice R.....	Mt. Orab .....	14.....	Germantown
Yost, Josephine.....	Camden.....	15.....	Camden
Young, Vera Corbly.....	Michigan City .....	15.....	Michigan City, Ind.

TOTAL 167: Men, 19; Women, 148.







Rwzt  
915/16

# MIAMI UNIVERSITY BULLETIN

Series XIV, No. 9

May, 1916

## TEACHERS COLLEGE

*of* MIAMI UNIVERSITY

1915-1916

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OXFORD, OHIO

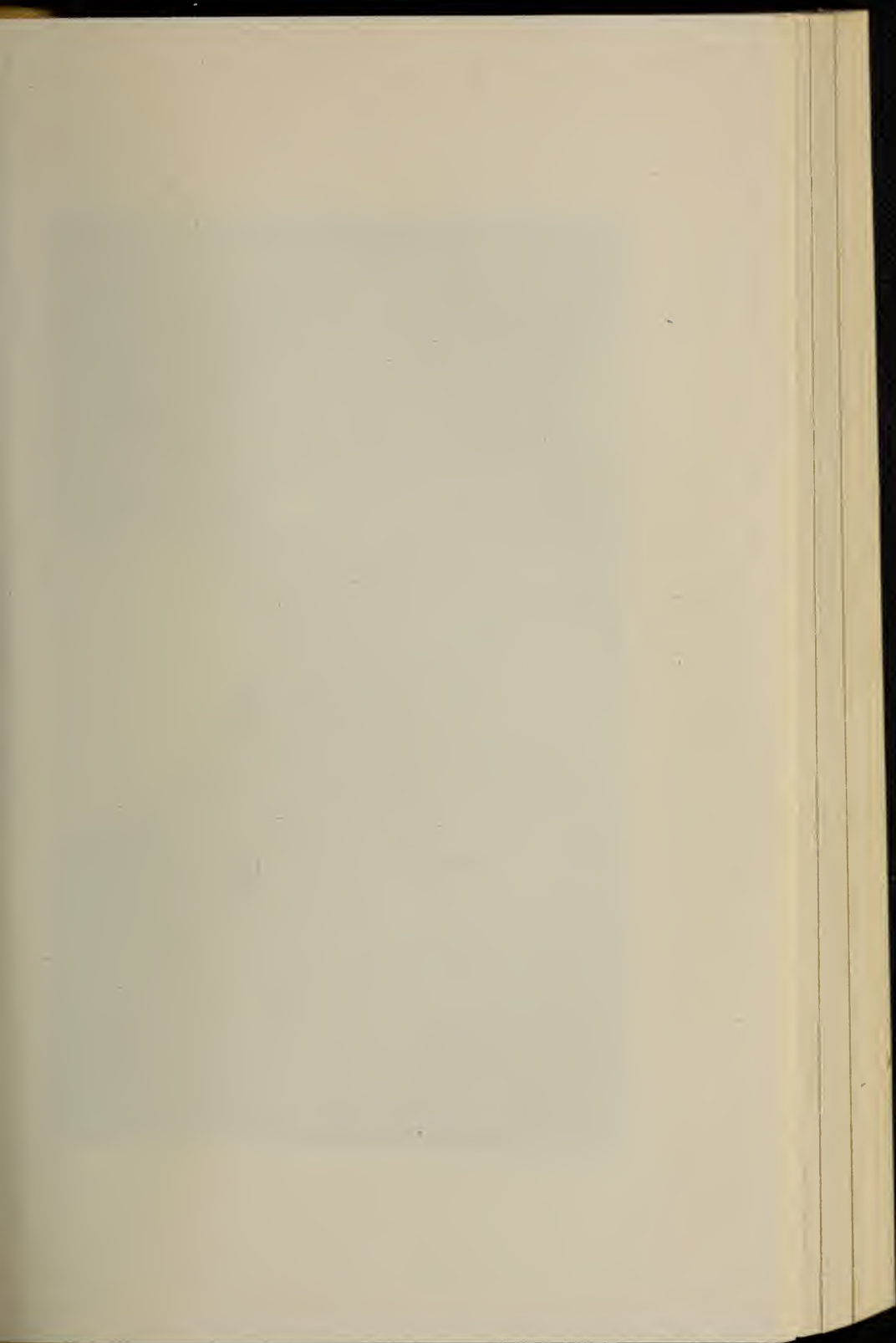
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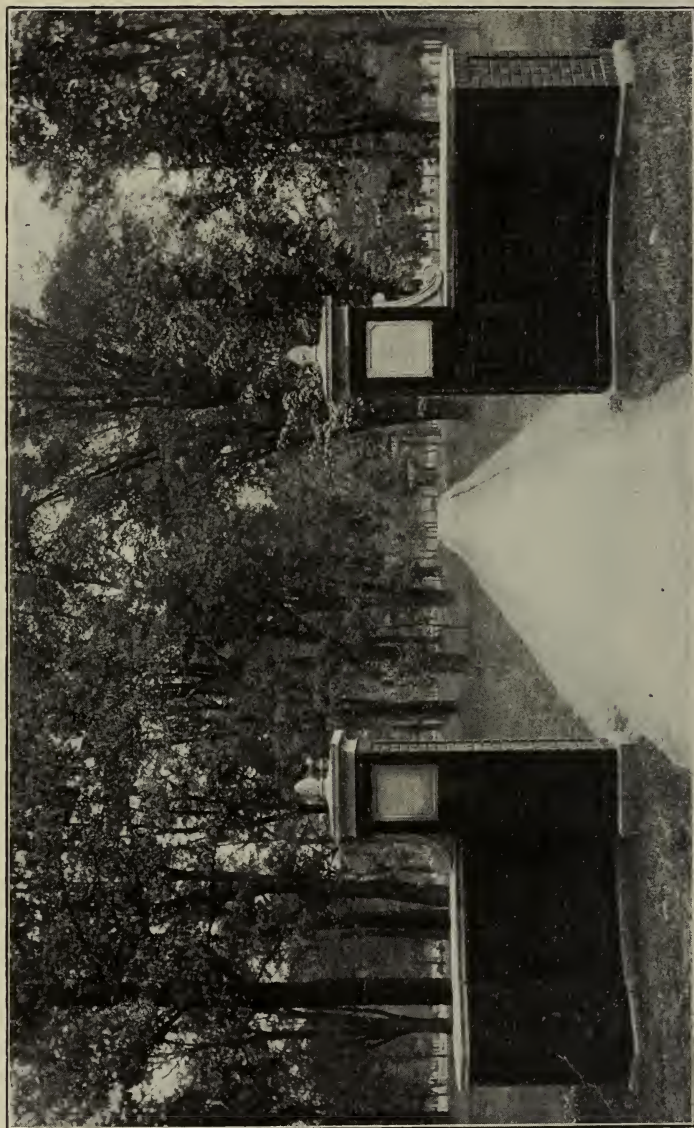
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## **Miami University Bulletin**

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ENTRANCE TO THE MIAMI CAMPUS

# TEACHERS COLLEGE

*of* MIAMI UNIVERSITY

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1915-1916

Announcements for 1916-1917

OXFORD, OHIO

Published by the University

MAY, 1916

# CALENDAR 1916

JANUARY							JULY						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
						1							1
2	3	4	5	6	7	8	2	3	4	5	6	7	8
9	10	11	12	13	14	15	9	10	11	12	13	14	15
16	17	18	19	20	21	22	16	17	18	19	20	21	22
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FEBRUARY							AUGUST						
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28	29	30	31				26	27	28	29	30		
JUNE							DECEMBER						
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# CALENDAR 1917

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MARCH							SEPTEMBER						
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MAY							NOVEMBER						
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JUNE							DECEMBER						
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# CALENDAR 1918

JANUARY							JULY						
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MARCH							SEPTEMBER						
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MAY							NOVEMBER						
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JUNE							DECEMBER						
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16	17	18	19	20	21	22	16	17	18	19	20	21	22
23	24	25	26	27	28	29	23	24	25	26	27	28	29
30	31						30	31					



# University Calendar

1915-1916

## 1915

- Sept. 14 Tues. Entrance examinations and registration.
- Sept. 15 Wed. Class work begins, 7:30 a. m.
- Sept. 15 Wed. Formal opening of the academic year 1915-16, 10:30 a. m.
- Sept. 19 Sun. First University Service.
- Oct. 17 Sun. Second University Service.
- Nov. 21 Sun. Third University Service.
- Nov. 25 Thur. Thanksgiving Day, a holiday.
- Dec. 19 Sun. Fourth University Service.
- Dec. 22 Wed. Christmas recess from 4:00 p. m. to Jan. 4, 10:30 a. m.

## 1916

- Jan. 4 Tues. Class work resumed, 11:00 a. m.
- Jan. 16 Sun. Fifth University Service.
- Jan. 20 Thur. Semester examinations begin, 8:00 a. m.
- Jan. 27 Thur. First semester ends, 4:00 p. m.
- Jan. 28 Fri. Junior promenade.
- Jan. 29 Sat. Second semester begins; registration.
- Jan. 31 Mon. Class work begins, 7:30 a. m.
- Feb. 20 Sun. Sixth University Service.
- Feb. 22 Tues. Washington's Birthday, a holiday.
- Mar. 19 Sun. Seventh University Service.
- April 20 Thur. Spring recess from noon to April 27, 10:30 a. m.
- May 21 Sun. Eighth University Service.
- May 27 Sat. Final examinations begin, 8:00 a. m.
- May 30 Tues. Memorial Day, a holiday.
- June 2 Fri. Annual play of sophomore class, Teachers College, 7:30 p. m.
- June 3 Sat. Farewell chapel and recognition service, 10:30 a. m.
- June 3 Sat. Reunion alumni of Teachers College, 12:30 p. m.
- June 3 Sat. Student Pageant, 7:30 p. m.
- June 4 Sun. Baccalaureate service, 2:30 p. m.
- June 4 Sun. Sacred concert, 7:30 p. m.
- June 6 Tues. Annual meeting of the Board of Trustees, 10:00 a. m.
- June 6 Tues. Annual play of senior class, Liberal Arts, 7:30 p. m.
- June 7 Wed. Annual meeting of the Phi Beta Kappa Society, 10:00 a. m.
- June 7 Wed. Alumni luncheon, 12:00 m.



June	8	Thur.	Seventy-sixth annual commencement, 10:00 a. m.
June	8	Thur.	President's reception, 2:00 p. m.
June	12	Mon.	First session of summer term begins.
July	21	Fri.	First session of summer term ends.
July	22	Sat.	Second session of summer term begins.
Sept.	1	Fri.	Second session of summer term ends.

## 1916-1917

### 1916

Sept.	12	Tues.	Entrance examinations and registration.
Sept.	13	Wed.	Class work begins, 7:30 a. m.
Sept.	13	Wed.	Formal opening of the academic year 1915-16, 10:30 a. m.
Sept.	17	Sun.	First University Service.
Oct.	15	Sun.	Second University Service.
Nov.	19	Sun.	Third University Service.
Nov.	23	Thur.	Thanksgiving Day, a holiday.
Dec.	17	Sun.	Fourth University Service.
Dec.	21	Thur.	Christmas recess from 12:00 m. to Jan. 3, 7:30 a. m.

### 1917

Jan.	3	Wed.	Class work resumed, 7:30 a. m.
Jan.	21	Sun.	Fifth University Service.
Jan.	25	Thur.	Semester examinations begin, 8:00 a. m.
Feb.	1	Thur.	First semester ends, 4:00 p. m.
Feb.	2	Fri.	Junior promenade.
Feb.	3	Sat.	Second semester begins; registration.
Feb.	5	Mon.	Class work begins, 7:30 a. m.
Feb.	18	Sun.	Sixth University Service.
Feb.	22	Thur.	Washington's Birthday, a holiday.
Mar.	18	Sun.	Seventh University Service.
April	5	Thur.	Spring recess from noon to April 12, 7:30 a. m.
April	15	Sun.	Eighth University Service.
May	20	Sun.	Ninth University Service.
May	26	Sat.	Final examinations begin, 8:00 a. m.
May	30	Wed.	Memorial Day, a holiday.
June	3	Sun.	Baccalaureate service, 2:30 p. m.
June	7	Thur.	Seventy-seventh annual commencement.
June	11	Mon.	First session of summer term begins.
July	20	Fri.	First session of summer term ends.
July	21	Sat.	Second session of summer term begins.
Aug.	31	Fri.	Second session of summer term ends.

## 1917-1918

Sept.	19	Tues.	Academic year 1917-18 begins.
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# Officers of Instruction and Government

RAYMOND MOLLYNEAUX HUGHES, M. S.....Lewis Place  
*President.*

A. B., Miami University, 1893; M. S., Ohio State University, 1897. Professor of Chemistry, Miami University, 1898-1913. Acting President, 1911-1913. President since 1913.

HARVEY C. MINNICH, A. M., Ped. D., LL. D. 209 South Campus Avenue  
*Dean of the Teachers College and Professor of School Administration.*

A. B., Ohio Northern University, 1897. Present position since 1903.

ELIZABETH HAMILTON, A. B.....Bishop Hall  
*Dean of Women and Assistant Professor of English.*

A. B., Oxford College, 1895. Present position since 1905.

THOMAS LYTTLE FEENEY, A. M.....115 West Walnut Street  
*Professor of Special Method.*

Present position since 1902.

GEORGE WILSON HOKE, Ph. M.....The Tallawanda  
*Professor of Geography.*

A. B., Butler College, 1895; Ph. B., University of Chicago, 1898; Ph. M., 1901. Present position since 1902.

\*FRED CAMPBELL WHITCOMB, B. S.....310 East Church Street  
*Professor of Industrial Education.*

B. S., Franklin College, 1900; Diploma in Manual Training, Teachers' College, Columbia University, 1904. Present position since 1906.

BENJAMIN MARSHALL DAVIS, Ph. D.....The Tallawanda  
*Professor of Agricultural Education and Director of Educational Extension.*

B. S., Butler College, 1890; M. S., 1892; Ph. D., University of California, 1906. Present position since 1907.

ARTHUR LOREN GATES, A. M.....121 Bishop Street  
*Professor of Public Speaking.*

A. B., Northwestern University, 1903; A.M., Columbia University, 1910. At Miami University since 1905. Present position since 1908.

\* On leave of absence, first semester, 1915-1916.

- SAMUEL JACOB BRANDENBURG, Ph. M.....206 Wood Street  
*Librarian.*  
 A. B., Miami University, 1904; Ph. M., University of  
 Chicago, 1909. Present position since 1909.
- JOHN WALTER HECKERT, A. M.....402 East Church Street  
*Professor of Education and Director of the William McGuffey  
 Schools.*  
 Ph. B., Hamline University, 1900; A. M., Columbia Uni-  
 versity, 1905. Present position since 1909.
- CLARENCE EDWIN CARTER, Ph. D.....218 North Campus Avenue  
*Professor of History.*  
 A. B., Illinois College, 1905; A. M., University of Wiscon-  
 sin, 1906; Ph. D., University of Illinois, 1908. Present  
 position since 1910.
- J. L. MANAHAN, A. M.....127 West Walnut Street  
*Professor of Education and State High School Inspector.*  
 B. S. Ohio Northern University, 1912; B. Ped., 1912; A.  
 M., Harvard University, 1914. Present position since  
 1915.
- GEORGE EZRA CARROTHERS, A. M.....331 West Church Street  
*Professor of Education and Extension Lecturer.*  
 A. B., Indiana University, 1909; A. M., Columbia Uni-  
 versity, 1915. Present position since 1915.
- FRANCES GIBSON RICHARD, A. M.....The Tallawanda  
*Associate Professor of English.*  
 A. B., National Normal University, 1891; A. M., 1893.  
 At Miami University since 1902. Present position since  
 1907.
- \*RAYMOND HUGH BURKE, B. S.....  
*Director and Associate Professor of Music.*  
 B. S., University of Chicago, 1906. At Miami Univer-  
 sity since 1906. Present position since 1910.
- WILLIAM H. WILEY, A. M.....The Tallawanda  
*Associate Professor of Education.*  
 Graduate State Normal School, Geneseo, N. Y., 1907;  
 B. S., Columbia University, 1909; A. M., 1912; Ped. M.,  
 1914. At Miami University since 1914.

\*Absent on leave 1914-16.

- AUBREY W. MARTIN.....314 West Church Street  
*Acting Director of Music.*  
 Graduate of the Music Department of Broadus Institute, Wesleyan College, W. Va. At Miami University since 1914.
- MARY EDNA FLEGAL, B. S. ....126 East Church Street  
*Assistant Professor of Drawing and Design.*  
 Graduate State Normal School, Indiana, Pa., 1899; B. S., Teachers College, Columbia University, 1914. Present position since 1914.
- MARIANNE MITCHELL, B. S. ....322 East High Street  
*Assistant Professor of Design and Handwork.*  
 B. S., Teachers College, Columbia University, 1908. Present position since 1915.
- MARTHA JANE HANNA, A. M. ....310 East Church Street  
*Assistant Professor of Home Economics.*  
 A. B., Monmouth College, 1901; A. M., Teachers College, Columbia University, 1915. Present position since 1915.
- GLENN BARTLETT, A. M. ....400 East High Street  
*Assistant Professor of Education and Extension Lecturer.*  
 B. S., Columbia University, 1911; A. M., 1912. Present position since 1915.
- FOREST TOBIAS SELBY, B. S. ....115 South Main Street  
*Assistant Professor of Industrial Arts.*  
 Diploma in Manual Arts, Teachers College, 1912; B. S., 1915.
- \*SARA NORRIS.....Hepburn Hall  
*Instructor in Music and Assistant to the Dean of Women.*  
 A. B., Oxford College, 1896. At Miami University, 1907-08 and since 1910. Present position since 1912.
- JAMES WARREN SMITH.....422 East Church Street  
*Instructor in Industrial Arts and Drawing.*  
 Graduate, Teachers College, Miami University, 1914. Present position since 1914.
- EDITH CORNER SIGSBEE, A. B. ....400 East High Street  
*Instructor in Physical Education for Women.*  
 A. B., Ohio State University. Present position since 1914.
- \*MARY B. WOOD.....204 East Church Street  
*Instructor in Music.*  
 Graduate of Michigan State Normal College, 1910. Present position since 1914.

\*On leave of absence, 1915-16.



- BLANCHE MCDILL, A. M. .... 314 North College Avenue  
*Instructor in Education.*  
 B. S., Oxford College, 1899; Graduate, Teachers College,  
 1910; A. M., Teachers College, Columbia University,  
 1913. At Miami University since 1910. Present posi-  
 tion since 1915.
- JOSEPH WADDELL CLOKEY, A. B. .... 100 East Walnut Street  
*Instructor in Music and Organist.*  
 A. B., Miami University, 1912; Diploma, Cincinnati Con-  
 servatory of Music, 1915. Present position since 1915.
- ADA MEADOWS, A. M. .... 400 East High Street  
*Instructor in Home Economics.*  
 A. B., University of Wisconsin, 1912; A. M., Columbia  
 University, 1915. Present position since 1915.
- MABEL BEATRICE SWEET. .... 204 East Church Street  
*Acting Instructor in Music.*  
 Graduate of Crane Institute, New York, 1908.

### Assistants

- MABEL WEST . . . . . Bishop Hall  
*Assistant in Home Economics*  
 Graduate of Teachers College, Miami University, 1915.
- VICTORIA CARSON. .... 112 East Walnut Street  
*Assistant in Agricultural Education*  
 Graduate of Teachers College, Miami University, 1915.
- GERTRUDE WALLACE. .... 216 West High Street  
*Assistant in Drawing and Design*  
 Graduate of Teachers College, Miami University, 1915.

### Teachers in the William McGuffey Schools

- CHARLES S. BUNGER, A. B. . . . . 305 South Main Street  
*Principal of the William McGuffey Schools*  
 A. B., Miami University, 1909.
- FRANCES G. RAGLAND, A. M. . . . . Hepburn Hall  
*Instructor in High School, William McGuffey Schools, and Assistant  
 to the Dean of Women*  
 Graduate, Teachers College, Miami University, 1906; A.  
 B., Miami University, 1908; A. M., Teachers College,  
 Columbia University, 1914.

- MARJORIE H. VANCE, A. B..... The Tallawanda  
*Instructor in High School, William McGuffey Schools*  
 A. B., Ohio Wesleyan University, 1911.
- CLYDE ESTLE SHUMAKER, A. B..... 118 East Race Street  
*Instructor in High School, William McGuffey Schools*  
 A. B., Miami University, 1915.
- MARY COWPER PITTMAN, A. M..... 202 East Church Street  
*Instructor in High School, William McGuffey Schools*  
 A. B., University of Alabama, 1905; A. M., 1906.
- BLANCHE McDILL, A. M..... 314 North College Avenue  
*Critic Teacher*  
 B. S., Oxford College, 1899; Graduate, Teachers College,  
 1910; A. M., Columbia University, 1913.
- ANNA BEISWENGER, Ph. B... South Cottage  
*Critic Teacher*  
 Ph. B., School of Education, University of Chicago, 1913.
- MARY DORRELL FINCH, A. B..... 117 East Walnut Street  
*Critic Teacher*  
 Graduate, Teachers College, Miami University, 1906; A.  
 B., Miami University, 1907.
- HELEN J. WOODLEY..... The Tallawanda  
*Critic Teacher*  
 Graduate, DeKalb State Normal School, DeKalb, Ill.;  
 Graduate Student, Columbia University, 1911-12.
- ALICE HUGHES..... New Cottage  
*Critic Teacher*  
 Graduate, Teachers College, Miami University, 1912.
- HELEN THORPE BROUSE..... The Tallawanda  
*Kindergarten Teacher*  
 Kindergarten and primary diploma, Indianapolis Teach-  
 ers College.

### Student Assistants

- ALLEN EMRICH.... *School Administration*
- ASA GEETING..... *Drawing*
- BEULAH KINDLER..... *Geography*
- MARJORIE LAMBERT..... *Agricultural Education*
- FLORENCE J. RIFE..... *Education and English*
- FLORENCE WASSERMAN..... *Physical Education*

### Additional Officers of the University

GEORGE SPENCER BISHOP, A. M.....	122 South Campus Avenue
<i>Secretary of the Board of Trustees and Business Director</i>	
JULIA ROGERS BISHOP.....	400 East High Street
<i>Registrar</i>	
C. A. SHERA, Jr., A. B.....	129 West Walnut Street
<i>Treasurer</i>	
WALLACE PATTISON ROUDEBUSH, A. B.....	215 East Church Street
<i>Secretary to the President and Financial Secretary</i>	
ANNA M. CONWAY.....	209 North Campus Avenue
<i>Secretary to the Dean of Teachers College</i>	
MAYE MORRIS, B. L.....	122 North College Avenue
<i>Assistant to the Business Director</i>	
MARIE MARSHALL.....	302 South Main Street
<i>Executive Clerk</i>	
HARLAN SCHWAB, A. B.....	110 South Campus Avenue
<i>Assistant Executive Secretary</i>	
MARY SCHLENCK, A. B.....	22 East Walnut Street
<i>Cashier</i>	
KATHRYN BOVLAN.....	24 South Main Street
<i>Assistant Executive Clerk</i>	
MRS. CORA WARREN TUDOR.....	Hepburn Hall
<i>Buyer for Boarding Department and Matron</i>	
ETHEL DETRICK.....	322 East High Street
<i>Matron</i>	
ZADA MCCURDY .....	Bishop Hall
<i>Matron</i>	
MARGARET FOX.....	Bishop Hall
<i>Resident Nurse</i>	
JOHN DEVINE.....	19 South Poplar Street
<i>Chief Engineer and Superintendent of Buildings and Grounds</i>	

### Standing Committees of the Faculty

ENTRANCE CREDITS AND ADVANCED STANDING—Feeney, Whitcomb, Martin, Richard.

COURSE OF STUDY AND STANDING OF STUDENTS—Heckert, Feeney, Carter, Hoke, Whitcomb, Davis.

SOCIETIES AND STUDENT ORGANIZATIONS—Ragland, Hanna, Flegal, West.

EXTENSION WORK, TEACHERS' ASSOCIATIONS, AND PUBLICATIONS—Davis, Carrothers, Bartlett.

FACULTY DISCUSSIONS—Wiley, Richard.

### Student Counsellors

GRADE TEACHERS—Carter, Feeney, Flegal, Heckert, Hoke, McDill, Ragland, Richard, Wiley.

INDUSTRIAL EDUCATION—Whitcomb, Selby.

MUSIC—Martin, Sweet,

HOME ECONOMICS—Hanna, Meadows, West.



# Teachers College of Miami University

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## General Statement

THE WORK OF TRAINING TEACHERS has so increased in scope and volume that it is deemed necessary, in order to include all the professional work offered for teachers at Miami University, to select, for that part of the organization of the University devoted to the training of teachers, a name as suggestive as possible of all the professional work given at Miami University.

The Teachers College will include all the work heretofore given in the Ohio State Normal College of Miami University, and the professional work of all Bachelor of Science courses.

The Teachers College will most fully comply with the legislative act creating Normal Schools in the state of Ohio, "*to provide proper theoretical and practical training for all students desiring to prepare themselves for the work of teaching*".

The influence of the new attitude toward the training of teachers has spread to all institutions where "students desiring to prepare themselves for the work of teaching" are found, and the same organization of work and facilities is required in the preparation of all types of teachers for public school work, elementary, secondary, and special.

## Location

MIAMI UNIVERSITY is located at Oxford, Ohio, on the Cincinnati, Indianapolis and Western Railroad, fourteen miles from Hamilton and forty miles from Cincinnati.

In beauty and healthfulness of surroundings the location is unsurpassed. The ground is high and rolling, with an elevation of 1000 feet above sea level; and the atmosphere is

unusually clear and pure. The campus of the University, comprising about one hundred acres, is justly famed for its beauty.

Oxford is a quiet college town with a population of about 2100. It has an excellent graded school system, with an accredited high school as part of the system. The following religious denominations have churches, in which regular services are held: Methodist, Presbyterian, United Presbyterian, Catholic, and Episcopal. The town is supplied with thoroly modern electric light plant, water works, and sewer system. During the past ten years, no licenses have been issued for the sale of alcoholic beverages; and the absence of saloons and low resorts makes the environment especially wholesome for college students.

## Grounds, Buildings, and Equipment

THE University is picturesquely situated on a high portion of ground in the eastern part of the village. The campus proper, on which all of the University buildings are placed, comprises about sixty-five acres, the lower portion of which is thickly wooded. North of the lower campus are the athletic grounds, the fraternity row, and the agricultural experiment plot—in all, about forty acres more.

### Buildings

THE MAIN BUILDING is the oldest building on the campus. Part of it was erected in 1824, but it has been recently fitted up with all modern improvements. It is 250 feet long and three stories high. It contains lecture and recitation rooms for various departments of the College of Liberal Arts. It contains also a number of private offices for members of the faculty. The University Commons, the boarding hall for men, is on the second floor of the west wing of this building.

**DORMITORIES FOR MEN.** There are two dormitories for men: North Dormitory, erected in 1825, and South Dormitory, erected in 1836. Two years ago, both buildings were completely remodeled and refinished. They are lighted by electricity, heated with steam, and provided with bath rooms—one for every eight students. The two dormitories are divided into five halls, each containing accommodations for twenty-four men, and each provided with a separate entry. The halls are named after former professors in the University. In the North Dormitory are the Elliott and Stoddard Halls; in the South Dormitory are the MacFarland, Swing, and Johnson Halls. The men of the freshman class room in these dormitories.

**HERRON GYMNASIUM** was built in 1897, and largely remodeled in 1914. It is amply provided with lockers, showers, and dressing rooms for both men and women. The entire second floor is for indoor athletics and physical education, for which it has been especially adapted and equipped.

**THE ADMINISTRATION BUILDING** was erected in 1907. The southern half contains the Auditorium, which has a seating capacity of 1250. The stage is supplied with suitable scenery and with a pipe organ. On one side of the large entrance lobby on the first floor is the Christian Association Chapel; on the other side are the Registrar's office, a ticket office, and committee rooms and offices for the various student activities. The second floor has a large central lobby, surrounding which are the administrative offices.

**DORMITORIES FOR WOMEN.** Two dormitories for women students of the University have been erected: Hepburn Hall in 1905, and Bishop Hall in 1912. Both buildings are completely modern in all of their appointments. Hepburn Hall has rooms for ninety-six women and boarding facilities for one hundred and thirty. It was named in honor of Andrew Dousa Hepburn, now Professor emeritus of English, who served the University with distinction for thirty years. Bishop Hall has accommodations for one hundred and four. It was named in

honor of Robert Hamilton Bishop, the first President of the University. One-half of the rooms in the two halls are allotted to the young women of the College of Liberal Arts and the other half to the young women of Teachers College. Students are given rooms in the order of application.

Besides these halls, additional quarters for women have been provided in several cottages established under University patronage. The accommodations and cost are the same as for residence in the halls. These cottages all face the campus and their occupants come to the University dining rooms for meals.

THE CENTRAL HEATING AND LIGHTING PLANT, at some distance removed from the other University buildings, was completed in 1907. Its capacity was increased in 1909 and again in 1915 to meet the demands created by the erection of new buildings. All University buildings are adequately supplied with light and heat from this plant.

THE ALUMNI LIBRARY, the gift of Mr. Andrew Carnegie in coöperation with alumni, former students, and friends of the University, was completed in 1909. Its construction is fireproof thruout. It is centrally located on the campus, just south of the Main Building. The reading rooms, stack and seminar rooms are conveniently arranged. The library has an ultimate capacity of 90,000 volumes.

BRICE SCIENCE HALL was erected in 1892, largely through the generosity of the late United States Senator, Calvin Stewart Brice, LL. D., of the class of 1863. This building is two stories in height, with basement thruout, and is well adapted for use in scientific study. In 1905 it was enlarged, and has now three times its original capacity. All of the science departments except chemistry and elementary agriculture are located in this building.

THE CHEMISTRY BUILDING, erected in 1914, provides a large lecture room and three large laboratories, in addition to a number of smaller rooms for the chemistry department. The building is well equipped in every way for the work of the department.



THE SOUTH PAVILION OF THE TEACHERS COLLEGE BUILDING was erected in 1909, and is especially designed for professional work and training. It illustrates the best modern school-house construction, arrangement, heating, and ventilation. Its equipment is entirely modern. The work of the department of agriculture and of the William McGuffey practice schools is carried on in this building.

THE NORTH PAVILION OF THE TEACHERS COLLEGE BUILDING was erected in 1915. It is a fireproof building of modern design providing class rooms and laboratories fully equipped for all the instruction in the Teachers College.

The Legislature of 1915 appropriated money for the erection of the Central Pavilion of this building which will be ready for occupancy in the fall of 1916. This section will unite the North and South Pavilions and complete the building.

## Athletic Grounds

THE MIAMI ATHLETIC FIELD is only a short distance from the Gymnasium; it is really a part of the campus. It comprises a football field, a baseball diamond, a quarter-mile running track, and pits for pole vaulting and jumping. Men of the University find it a convenient place for athletic contests.

A carefully worked-out plan for the enlargement and equipment of this field is now being put in operation. In addition to the provision for various intercollegiate contests, there will be a number of new fields for football, baseball, and other intra-mural sports.

THE TENNIS COURTS, eleven in number, are all on the campus. The women students of the University have exclusive use of five of these courts.

An athletic field of four acres for the women has recently been purchased and is being developed as rapidly as possible. It is located within a square of the women's halls of residence.

## Laboratories and Apparatus

AGRICULTURE AND NATURE-STUDY. The department of agriculture and nature-study is equipped with particular reference to training teachers to give instruction in these subjects in elementary and secondary schools. In addition to three well-appointed laboratories, a green house, and a large school garden, there are several plots for experimental work in plant-breeding, in fertilization, and in practical forestry—about forty acres in all.

The department maintains also a quail run for experimentation in the problem of preventing the extermination of quail.

GEOGRAPHY. The laboratory of the department of geography is on the second floor of the North Pavilion of the Teachers College Building. It will accommodate twenty-four students. The lecture room will accommodate one hundred. The department has a commodious office and a dark room, both opening into the laboratory. The equipment consists of a large collection of maps, relief models, photographs, pictures, and lantern slides.

HOME ECONOMICS. The laboratory of the department of home economics occupies the entire third floor of the North Pavilion of the Teachers College Building. The equipment represents what the teachers of home economics in the public schools may reasonably expect to have to work with. In cookery, each student's working outfit consists of a table, a two-burner electric stove, and a locker containing all necessary utensils. The laboratory is provided with kitchen ranges, refrigerator, store room, and usual dining-room furniture. The sewing room is furnished with convenient and attractive tables, with lockers, and with the best make of sewing machines.

INDUSTRIAL ARTS AND DRAWING. The industrial arts rooms are on the first floor and in the basement of the east wing of the Main Building.

The wood-working shop is provided with modern benches for thirty-six students, each with its tool cabinet and drawer for students' work. All the general tools needed are included in this equipment. A gasoline engine furnishes power for the following wood-working machines: turning lathes, combination rip and cross-cut saws, joiner, mortise and tenon machines and planer. For the metal-working courses, forges, anvils, vises, hammers, and other small tools are provided. A large pottery kiln recently has been installed, making possible a variety of experiments in the use of clay in the schools. Both the mechanical and freehand drawing rooms are well equipped with tables, easels, stools, boards, instruments, and models.

### The Library

THE UNIVERSITY LIBRARY contains about 50,000 volumes, and the libraries of the two literary societies for men, housed in the Library Building, contain about 1,500 volumes additional.

For the maintenance and enlargement of the library, the State Legislature makes a liberal appropriation annually. The library is particularly rich in American political history and in the records of the United States and of the State of Ohio.

Students may draw from the library three volumes at a time, and these may be kept two weeks unless specially restricted. Unless there is other demand, books may be renewed.

The book stacks are not open to the students in general or to the public; but cards of admission may be given by the librarian on recommendation of an officer of instruction.

The library is open every week day when the University is in session from 7:30 a. m. to 9:30 p. m. The reading rooms are open for general reading also on Sunday afternoons between 2:30 and 5:30 save on the day on which occurs the monthly University Service. During vacations the library is open from 8:00 to 12:00 a. m. and from 1:00 to 5:00 p. m., except on Saturday afternoons and legal holidays.



## Fees and Expenses

**A**N incidental fee of \$15 a semester, payable at the beginning of the semester is required of students in the four-year courses, leading to the B. S. degree. Students pursuing diploma courses pay an incidental fee of \$7.50 a semester. *No deduction or rebate is granted on account of late entrance.*

*In case of withdrawal from college or change of course within 2 days of registration refund of incidental fees will be made in full. After 2 days, refunds will be made on the following basis: before the end of 2 weeks, 80%; before the end of 4 weeks 60%; before the end of the six weeks, 40%; after the sixth week no refund of fees will be made.*

## Rooms and Board

The rooms in the dormitories for men are of two sizes, the smaller ones renting for \$22.50 and the larger, arranged for two men, for \$45 a semester, payable at the beginning of each semester. This charge includes heat, light, and janitor service. An additional charge of \$1.25 a semester is made for laundering of sheets and pillow cases. The rooms are completely furnished, with the exception of curtains and towels, which the students must provide for themselves. Room rent will not be refunded except in cases where the room is re-rented during the semester in which it is vacated.

In the dormitories for women, two students are assigned to a room, and the price charged is \$22.50 a semester each, payable at the beginning of each semester. This charge includes light and heat. An additional charge of \$1.00 a semester is made for laundering of sheets and pillow cases. The rooms are furnished, with the exception of sheets, pillow cases, curtains and towels, which the students must provide for themselves. Room rent will not be refunded except in cases where the room is re-rented during the semester in which it is vacated.

The women's dormitories are equipped with modern laundries, where women students, if they choose, may do their own



laundry work. The halls are cared for by competent housekeepers. The Dean of Women and the Assistant to the Dean preside over the interests of all the young women students in or out of the dormitories and cottages, and all women students are subject to their authority.

The University Commons, a dining hall for men and women, is on the second floor of the west wing of the Main Building. The dining halls for women are in Hepburn Hall and Bishop Hall. All dining halls are under the management of the University. They are directed by competent university officials, and are conducted without the idea of profit and for the purpose of providing good wholesome food at the lowest possible cost. The dining rooms are commodious, neat and attractive, and the service is good.

Board for men is furnished for \$2.75 a week, payable in advance in installments of not less than \$5.50 each. Refunds will be made for not less than one week. All single meals are cash. Board for women is provided for the 36 weeks of the college year, exclusive of the Christmas and the Easter vacations, for \$90. Board is payable in advance in installments of not less than \$10 each. Refunds will be made only for absences of two or more consecutive weeks. Single meal tickets for guests may be secured from the matrons.

Meals may be had in private boarding houses at \$3 to \$4 a week. For several years, coöperative clubs have furnished board for about \$3. In general it may be stated that the cost of living in Oxford is very moderate. In every case, more depends upon the student's habits and tastes than upon the village, and legitimate expenditures may be brought within \$250 for expenses of every kind during the collegiate year. A considerable number find their total expenses not more than \$200, and there are students who go through the college year for less.

### Diploma Fee

A diploma fee of \$5 is charged to all students who are graduated from the four-year degree courses. Students who are graduated from the diploma courses pay a diploma fee of \$3.

## Summary of Expenses

The expenses which are directly connected with the University are, therefore, as follows:

Incidental fee (payable one-half at the beginning of each semester)	
Four-year degree courses . . . . .	\$30 00
Two-year courses . . . . .	15 00
Laboratory deposits . . . . .	\$5 00 to 10 00
Rent of room in dormitories or cottages (36 weeks at \$1.25 per week) . . . . .	45 00
Rental and laundry of bed linen . . . . .	\$2 00 to 2 50
Board at University Commons (36 weeks at \$2.75 per week) . . . . .	99 00
Board in women's dining halls (36 weeks at \$2.50 per week) . . . . .	90 00

*Note 1.* A fee of \$1.00 is required of all old students who register after the regular date of registration.

*Note 2.* A fee of \$1.00 is required of all students who take second or special examination. No fee is required for entrance examinations.

*Note 3.* In order to meet all the necessary expenses of registration: incidental fee of \$7.50 or \$15.00, laboratory deposits of \$5.00 to \$10.00, room rent for semester, \$22.50, laundry, \$1.00 or \$1.25, 4 weeks' board, \$10.00 or \$11.00, the purchase of books and other expenditures incident to beginning the college course, a student should come prepared to expend from \$65.00 to \$75.00 during the first ten days of a semester. After that period the payment of board every four weeks and items of *general expense* will constitute the major part of the student's expense.

## University Regulations

### Terms and Vacations

THE college year is divided into semesters. For the college year 1916-17, the first semester begins on Tuesday, September 12; the second semester begins on Saturday, February 3.

Thanksgiving Day is a holiday.

The Christmas recess begins at noon on December 21, and ends at 7:30 a. m. on January 3.

The spring recess for 1917 begins at noon on Thursday, April 5, and continues until 7:30 a. m. on the Thursday following.

Washington's Birthday is observed as a holiday.

A summer term of twelve weeks is held each year, beginning on Monday after Commencement. The term is divided into two sessions of six weeks each, with five recitations a week.

### Class Attendance

Strict attendance upon all college exercises is required. When the student's absences, however few in number, interfere with the satisfactory performance of his work, he will be called before the Dean of his college to give explanation. Upon the Dean's recommendation, any student delinquent in this respect may be called before the University Senate, and shall be liable to suspension.

An absence from class occurring on any one of the three days immediately preceding or immediately following a vacation period counts the same as three absences at other times.

Parents living at short distances from Oxford are urged not to interfere with the work and progress of the students by encouraging or by permitting frequent visits home.

### Examinations

Regular examinations are held at the close of each semester, and are conducted chiefly in writing. At the close of the year, the final examination may embrace the subjects of study for the entire year. In addition to these regular examinations, partial examinations and written recitations are held from time to time during the year, with or without previous notice to the students, at the discretion of the instructor.

Special examinations to remove conditions are held at stated intervals. They may be taken only on the days specified. For each special examination a fee of one dollar is charged, payable in advance at the cashier's office.

All examinations are conducted under the honor system.

## Participation in Outside Activities

Students are limited in the number of outside activities in which they may participate. For the purpose of convenience, each activity is weighted a certain number of points for each term, and no student may engage in activities beyond a specified number of points.

For additional regulations concerning classification, grades, etc., see General Catalog.

## Medical and Sanitary Supervision

One of the principal objects of the Department of Physical Education is the early detection of all those influences which affect the health of the students. All freshmen and sophomores are examined in the fall and spring of the college year in order to discover the presence of any condition which may be working against the health interest of the individual or his associates.

The examinations are much like those made by any careful physician. In addition to securing a record covering the important hygienic and other health factors in the student's past life, there is an examination of eyes, nose, throat, teeth, heart, lungs, and of such special conditions as appear necessary. After his examination each student is given such advice as seems necessary and appropriate for formulating intelligently his own policy of personal health control.

If there is a physical condition found that appears to need treatment, the fact is entered on a card and sent to the parent with the request that the card be referred to the family physician. The best results are secured by seeking the coöperation of the parents in matters concerning the health of the students.

All individuals needing medical treatment are advised by the Department, and the treatment is carried out with the assistance of the college nurse, who devotes her time to the medical needs of the students.



The Department inquires from time to time into all institutional influences which are likely to affect the health of the students. The Director of Physical Education is the Health Officer of the University, and, with the assistance of the college nurse and the professor of bacteriology, exercises every reasonable effort to make the institution safe and attractive to the clean and healthy student.

### Physical Education

All students, except those members of the junior and senior classes who already have made four hours credit in physical education, are required to take two hours of exercise each week under the immediate instruction of the director of the gymnasium. For this work each student receives a credit of one hour a semester, or four hours for the two years.

## Organizations

### Christian Associations

THE Young Men's Christian Association is an effective agency in promoting religious ideals and knowledge among the men of the University. Besides the regular devotional services, the Association conducts Bible and mission study classes for men. A considerable number of men are enrolled in these classes each year. Mr. Arthur Wickenden, A. B., Denison 1915, is employed as Secretary of the Association, giving his entire time to the work.

The Young Women's Christian Association also does most effective work. Its devotional meetings and Bible and mission study classes are largely attended and its influence for good among the young women is very marked. Miss Georgia Richards, A. B., Miami 1915, is employed as secretary of the Association, giving her entire time to the work.

Both Associations lay much stress on sound religious knowledge. Some of the Bible classes are taught by pro-

fessors. Representatives from the Associations attend the annual summer conferences of Christian workers and the quadrennial convention of the Student Volunteer Movement.

The Associations contribute also to the social life of the University, especially at the opening of the year. No other student organizations have a wider field of usefulness.

### Literary Societies

Two literary societies for men are maintained in the University, the Erodolphian and the Miami Union. These societies were founded in 1825, and both have charters from the State. They meet on Friday evenings in their halls in the Main Building. They are not secret in organization, and welcome all young men who desire to improve themselves in oratory, in debating, and in other forms of public address. Their spirit is commendably earnest, and students are recommended to connect themselves with one of them.

The Pierian Society was founded in 1902, and the Thalian Society in 1910, by the young women in the two-year courses.

Each of these Societies has a room in the Teachers College building. Each room is supplied with a piano and such other appointments as make it a delightful meeting place. Each Society meets once every two weeks to present literary, musical or dramatic programs.

The Franklin Literary Society is composed of the students of the Summer Term. Meetings are held on Friday night of each week during the first session of the Summer Term.

### Musical Organizations

Excellent training in vocal culture and in choral singing is afforded by the following musical organizations:

The Madrigal Club is made up from among the young women of the University. Mr. Aubrey W. Martin, Director of Music, is the leader of the organization. Regular rehearsals are required. A public concert is given during the winter of each year.

The Arion Choir is composed of about one hundred voices. Its purpose is to perform the larger choral works, such as cantatas and oratorios. A concert is usually given in the spring of each year. In 1911-12, *The Odysseus*, by Max Bruch, was given; in 1913-14, Mendelssohn's *St. Paul*; in 1914-15, Verdi's *Aida*; in 1915-16, Flotow's *Martha*.

The Philharmonic Club is composed of men and women of the Summer Term. It offers unusual opportunity for music teachers to gain experience in organizing and conducting choral societies and glee clubs, and for all teachers interested in voice and choral work to secure training for singing in church choirs and other musical organizations. The club furnishes music for the Model Institute and other public exercises of the Summer Term. It is under the direction of the Director of Music and the University Organist.

The University Orchestra was organized in 1915. There has been unusually good material to draw from, and those chosen, about thirty-five in number, constitute an orchestra capable of playing the very best class of music. Two appearances are planned, one with the Arion Choir in its production of the opera *Martha*, the other in a concert in which only the standard composition will be presented.

### University Publications

The official publication of the University is *The Miami University Bulletin*. It is issued monthly thruout the year from the publication office in the Auditorium.

In this series appear the annual catalog of the University, the announcements of the Summer Term, the President's Report to the Board of Trustees, and the Alumni News Letters. The remaining issues are devoted to monographs by members of the faculties.

A flourishing weekly periodical, *The Miami Student*, is maintained by the students of the University; and the junior class publishes each year an attractive college annual, *The*

*Recensio.* The offices of the student publications are in the Main Building.

### University Services

Special religious services are held in the University Auditorium on the afternoon of the third Sunday of each month at two-thirty o'clock. At the services, a sermon is preached usually by some clergyman from outside of town.

The University preachers from March, 1915, to February, 1916, were the following:

Daniel McGurk, Grace Methodist Episcopal Church, Dayton, Ohio.

W. Byron Forbush, President of the American Institute of Child Life, Philadelphia, Pa.

Frank H. Nelson, Christ Church Parish House, Cincinnati, Ohio.

Frederick E. Stockwell, First Presbyterian Church, Newburgh, N. Y.

Robert E. Lewis, General Secretary, Y. M. C. A., Cleveland, Ohio.

William L. Raub, Professor of Philosophy, Knox College, Galesburg, Ill.

Frederic Tower Galpin, First Baptist Church, Pittsburgh, Pa.

Harry N. Clark, President of the Cortescope Co., Cleveland, Ohio.

Samuel S. Palmer, Broad Street Presbyterian Church, Columbus, Ohio.

### Special Lectures and Entertainments

During each college year, a number of special lectures and entertainments are given at the University. These are of varied nature to suit the individual taste of as large a public as possible. Some of the entertainments are given under the auspices of the Union Lyceum Committee, composed of repre-



sentatives from the Village of Oxford, the Western College for Women, the Oxford College for Women, and Miami University. Other entertainments are given under the auspices of the various departments of the University.

The list of lectures and entertainments given from February, 1915, to February, 1916, includes the following:

Luther Anderson. Lecture, "Chinese Architecture".

John R. Simpson, Miami '99, of Wm. Filene Sons Company, Boston. Address, "Business as a Profession". Business conferences.

Miss Ruth Emerson, Secretary, Field Department Y. W. C. A., Ohio and West Virginia. Three talks before Y. W. C. A. on "Womanliness".

Miss Marie Crouse, Western College. Talk before Y. W. C. A. on Mission Work in Japan.

Miami University Glee Club Concert.

Cercle Francais, Miami University. "La Main Leste", by Labiche.

George W. Hoke. Illustrated Lecture on "India".

Miss Sara Norris. Monthly organ recitals.

Charles A. Macauley, Miami, ex-'98, State Agent, John Hancock Mutual Life Insurance Company. Address "Life Insurance". Business conferences.

Mrs. Rose Pastor Stokes, social worker. Lecture, "What the Socialists Want".

F. H. Storms, with Babson's Statistical Bureau, Wellesley, Mass. Address to Commercial Club on "The Value of Accurate Statistics to the Business Man".

Public Health Exhibit. Illustrated Lectures by Chas. F. Campbell, Secretary and Executive Officer of the Ohio Commission for the Blind, "Blindness and its Prevention"; W. H. Dittoe, Chief of the State Division of Sanitary Engineering, "Municipal and Rural Sanitation"; F. G. Boudreau, State Director of Division of Communicable Diseases, "Some Simple Facts about Common Communicable Diseases"; E. F. McCampbell, Secretary and Executive Officer of State Board of Health, "The Business of Postponing Death".

Dr. Hamilton Holt, Editor of The Independent. Chapel Talk on "The Great War and Peace".

Sousa's Band, John Philip Sousa, leader. Concert.

A. K. Morris, Miami '08, Secretary of the Hamilton Y. M. C. A. Address, "Opportunities Presented by the Christian Association".

Classical Club Play, *Phormio*, by Terence.

Reverend Ira G. McCormack, Pastor of Oxford Methodist Church. Sermon before Christian Associations, "The More Abundant Kind of Life".

Mr. Robins, National Secretary of Student Volunteer Movement. Address before Y. M. C. A.

Admiral Robert E. Peary, Discoverer and Explorer. Illustrated lecture. Arion Choir. Verdi's *Aida*. Visiting soloists: Marie Stapleton Murray, Cyrena Van Gordon, Robert Armour, J. W. Quine, Charles E. Gallagher, John W. Dodd, Elizabeth Drapier.

Dean E. E. Brandon, Miami University. Chapel talk. Report of World's Court Congress, held at Cleveland.

Lyman M. Bourne, Miami '01, Auburn, Ind. Address, "The Preparation for a Successful Technical Career". Business Conferences.

Otho Evans Lane, Miami '01, fire insurance business, New York. Address, "Fire Insurance". Business Conferences.

Senior Play, "The Devil's Disciple," by Bernard Shaw.

Sophomore Normal Play, "Joy" by John Galsworthy.

A. P. Sandles, Secretary of the Ohio State Board of Agriculture. Address.

Mr. J. E. Macdougall, Lecture, "Ocean to Ocean, Across the Canadian Rockies". Illustrated with motion pictures.

Dr. A. H. Upham, Lecture, "The Beginning of Books for Children".

Chicago Festival Choir. Concert.

Dr. G. H. Parker, of Harvard University. Lecture, "Seals of the Pribilof Islands".

Tschaikowsky Quartette. Concert.

The Coburn Players: "The Yellow Jacket", "The Imaginary Sick Man", "A Midsummer Night's Dream".

Dr. Paul Goode, of the University of Chicago. Lecture, "The Geography of the War". Illustrated with motion pictures.

Dr. McElfresh. Chapel talk.

Lewis K. Brown, executive secretary, Tariff Commission League. Chapel talk.

D. Leigh Colvin, National President of Inter-collegiate Prohibition Association. Chapel talk.

Richmond P. Hobson, ex-congressman from Alabama. Chapel talk on "Prohibition".

O. W. Stewart, of Flying Squadron. Chapel talk on "Prohibition".

Joseph Waddle Clokey. Monthly organ recitals.

- Mr. Hanson, of Youngstown State Charities and Corrections. Chapel talk.
- Edgar Stillman Kelley. Lecture on his New England Symphony.
- Cincinnati Symphony Orchestra. Concert, The New England Symphony by Edgar Stillman Kelley.
- Miss Hilda K. Mills, Secretary of Hamilton Federated Charities. Chapel talk.
- Philip Schwarz, of Student Volunteer Movement. Address on foreign missionary extension work.
- Leonard Fels, Miami '10, membership chairman of Cleveland Y. M. C. A. Chapel talk.
- Miami Y. W. C. A. Pageant.
- President Newman, of Howard University. Talk before Y. M. C. A.
- Ted Mercer, New York. Three addresses.
- John Spargo, socialist leader and author, New York. Address.
- Mrs. Katherine Oliver McCoy. Reading.
- Mrs. Nettie K. Gravett, of State Travelling Library Department. Chapel talk.
- Miss Marian Tucker, Home Economics Department, Ohio State University. Address before home economics students on "How to Refinish Old Furniture".
- The Coburn Players. Play, "The Yellow Jacket," by Geo. C. Hazelton and Benrimo.
- Mischa Elman, violinist. Concert.
- Professor J. A. Lomax, University of Texas. Lectures, "Cowboy Ballads" and "Negro Spirituals".
- Ye Merrie Players. "The Melting Pot", by Israel Zangwill.
- Sidney S. McClintock, head of credit department of McClintock, Trunkey Co., Spokane, Wash. Address before Commercial Club on "Credit".

## Requirements for Graduation

### Degree

THE degree of Bachelor of Science in Education is conferred upon those students who complete one hundred and twenty semester hours of academic and professional work, and four hours in physical education, as prescribed in the conspectus of courses.

### Diploma

The two-year diploma is conferred upon those students who complete one of the two-year courses of study prescribed in the conspectus of two-year courses.

The holder of a diploma from a two-year course will be admitted to junior rank on a similar course leading to the Bachelor of Science degree.

## The William McGuffey Schools

The William McGuffey Schools occupy the south pavilion of the Teachers College Building, and are established to illustrate the best modern school organization and methods of instruction. They comprise the kindergarten and twelve years of elementary and secondary school, six years for elementary education and six years for secondary or high school education. Regular critic teachers have charge of the pupils under the direction of the Principal and the Director.

These schools serve as model and experimental schools and are used for practice by the student teachers. In this way, the practice and observation are amid real school conditions. All the problems of the public schools must be met and solved in the course of each student's term of practice. The practice schools include all the eight grades of the elementary schools, a kindergarten, and special class instruction in home economics, drawing, industrial arts, and music.



## The Employment Bureau

The Teachers College maintains a bureau for the recommendation of its students to teaching positions. This service is rendered without charge and is extended to those seeking initial positions and to those already located who are worthy of promotion to better places.

## Requirements for Admission

CANDIDATES for admission to the Teachers College must be possessed of good health, good moral character a serious attitude toward teaching, and such scholastic attainments as will satisfy either Entrance Requirements A or Entrance Requirements B.

### Entrance Requirements A

Graduation from a first-grade high school in Ohio in accordance with Sec. 7658, Ohio Statutes; or from a high school of similar grade in other states. (Students entering under Requirements A must satisfy all the nine required units of Requirements B. 1.)

### Entrance Requirements B

Fifteen units of high school work, a unit being considered as a course of study covering a school year of not less than thirty-six weeks, with five recitation periods a week of at least forty minutes each.

#### I. The following nine units are required:

English .....	3	Physics or chemistry, with	
History .....	1	laboratory work .....	1
Algebra to quadratics .....	1	Latin, Greek, French, or	
Plane geometry .....	1	German .....	2

The six additional units must be selected from the following:

Algebra through progressions.... $\frac{1}{2}$	Civics .... $\frac{1}{2}$
Beginner's Latin.... I	Medieval or modern history.... $\frac{1}{2}$
Cæsar..... I	Chemistry or physics with laboratory work..... I
Cicero's Orations..... I	Botany, zoölogy, or biology with laboratory work..... I
Virgil ..... I	Physiology ..... $\frac{1}{2}$
Elementary French ..... I	Physiography..... $\frac{1}{2}$
Second year French..... I	Solid geometry..... $\frac{1}{2}$
Elementary German..... I	Manual training..... $\frac{1}{2}$ or I
Second year German..... I	Drawing..... $\frac{1}{2}$ or I
Greek and Roman history..... $\frac{1}{2}$	
U. S. history..... $\frac{1}{2}$	
Elementary agriculture.... $\frac{1}{2}$ or I	

*Note*—In addition to the 15 units prescribed above, musical ability and some technical skill with voice and piano are required for entrance to the course in music.

## II. Ten units are required as follows:

1. Three units in English
2. Seven units from the following groups:
  1. Greek and Latin
  2. Modern language other than English
  3. Ancient history, medieval and modern history, English history, United States history, civics, economics
  4. Mathematics
  5. Physics, chemistry, botany, zoology, general biology, physiography, general astronomy

The seven units must be taken as follows:

- a. Three or more units must be selected from one of the groups; if from group one or group two the three units must be in one language; if from group five neither physics nor chemistry can be offered in less amount than a unit
- b. Two or more units must be selected from another single group under same conditions governing the selection of the three units
- c. Two units in subjects selected from any of the groups

Five additional units from any subject accepted by an approved high school for its diploma.

## Extension Work for Public Schools

### A. Visits and Conferences by the Members of the College Faculty

UPON application from city, village, county or district superintendents, representatives from the Teachers College will visit the schools, with the superintendent, to advise with teachers as to the best methods of conducting the work in special

subjects, suggesting equipment and laboratory exercises; to conduct round-table conferences with groups of teachers; and to deliver lectures to teachers, pupils and patrons.

The Teachers College has arranged to be of as great service to education in the state as possible. Any of the public schools or teachers may take advantage of this section of the work of the college.

Sometimes these visits can be arranged without cost to the schools visited, but usually the expenses are to be borne by the local schools.

### Lending Lantern Slides and Laboratory Material

The Teachers College is prepared to lend to schools sets of lantern slides upon school improvements, geography, nature-study, travel, etc, and to send collections, specimens of field crops, and various other kinds of illustrative material for instruction in agriculture and nature-study.

In all such cases the school making the request will pay transportation.

A copy of the *Miami University Bulletin* of January, 1911, containing a list of all slides and specimens available, will be sent upon request.

### B. Extension Work for Credit

In order to meet the demands of the new law a large number of extension centers were established by the Teachers College in 1914. These extension centers were visited by the regular professors of the Teachers College. The work will be carried on in 1916 under the following conditions. Students who enter the extension class must have the same qualifications for admission as such course will require in residence. The course shall consist of not less than fifteen two-hour lessons or lectures or both in each course and the credit shall be two

semester hours. The Teachers College will offer only such courses as are a part of its regular curriculum. Course should begin not later than October 1st, and each center must contain at least fifteen members. Any teachers interested in Extension Work should correspond with Dr. B. M. Davis, Director of Extension Work, Teachers College, Oxford, Ohio.

## Courses of Study

THE following courses of study are offered for prospective teachers:

I. Four-year courses offered by co-operation of Teachers College and the College of Liberal Arts and leading to the Bachelor of Science degree and a State four-year provisional high school certificate:

- A. English and History
- B. Latin and English
- C. Mathematics, Physics, and Chemistry
- D. Modern Language and English
- E. Biological Sciences
- F. Industrial Education
- G. Agricultural Education
- H. Home Economics

For conspectus of these courses see pages 107-17.

II. Two-year courses offered entirely in Teachers College and leading to a State Teachers College diploma, and a State four-year provisional elementary or special certificate.

- A. Regular Grade Teachers
- B. Industrial Education
- C. Public School Music
- D. Home Economics
- E. Agricultural Education



## Conspectus of Four-Year Courses

Leading to the Bachelor of Science Degree, and State Four-Year High School Provisional Certificate. Subjects offered in the College of Liberal Arts will be found described in the General Catalog.

### A. English and History

#### FIRST YEAR

##### FIRST SEMESTER

English 100, Rhetoric, and Composition .....	}	4
Public Speaking 100.....		
*Science.....		4
Education 100, Psychology .....		3
**Foreign Language.....		4
Physical Education.....		1

##### SECOND SEMESTER

English 100, Rhetoric and Composition .....	}	4
Public Speaking 100.....		
Science.....		4
Education 100, Psychology of Adolescence .....		3
Foreign Language.....		4
Physical Education.....		1

#### SECOND YEAR

English 210, Types of Literature	3
English 300, Shakespeare.....	3
History 100, Introduction to the Study of History.....	4
Education 200, History of Education .....	2
Foreign Language.....	4
Physical Education.....	1

English 210, Types of Literature	3
English 300, Shakespeare.....	3
History 100, Modern History...	4
Education 200, History of Education .....	2
Foreign Language.....	4
Physical Education.....	1

#### THIRD YEAR

English.....	3
History.....	3
Education 300, Principles of Teaching .....	3
Special Method .....	2
Government .....	3
Elective.....	1 or 2

English.....	3
History.....	3
Education 300, Principles of Teaching .....	3
Special Method .....	2
Government .....	3
Elective.....	1 or 2

#### FOURTH YEAR

History.....	3
English.....	3
School Administration 400, School Organization in Secondary Schools.....	3
†Teaching and Observation.....	4
Elective to make 15 hours	

History.....	3
English.....	3
School Administration 400, School Organization in Secondary Schools.....	3
Teaching and Observation.....	4
Elective to make 15 hours	

\*Botany, Chemistry, Geology, Physics, or Zoology.

\*\*If the student has had four years in foreign language in High School this subject is optional.

†Either first or second semester. Economic geography is recommended as a senior elective.

## B. Latin and English

## FIRST YEAR

## FIRST SEMESTER

English 100, Rhetoric and Composition .....	} 4
Public Speaking 100 .....	
Latin 100, Cicero, Terence and selections from Latin Poets...	4
Education 100, Psychology .....	3
*Science .....	4
Physical Education .....	1

## SECOND SEMESTER

English 100, Rhetoric and Composition .....	} 4
Public Speaking 100 .....	
Latin 100, Cicero, Terence and selections from Latin Poets...	4
Education 100, Psychology of Adolescence .....	3
Science .....	4
Physical Education .....	1

## SECOND YEAR

Greek 211, Literature .....	3	Greek 212, Literature .....	3
English 300, Shakespeare .....	3	English 300, Shakespeare .....	3
Latin 200, Horace and Plautus..	3	Latin 200, Horace and Plautus..	3
Education 200, History of Education .....	2	Education 200, History of Education .....	2
**Elective .....	4 or 5	Elective .....	4 or 5
Physical Education .....	1	Physical Education .....	1

## THIRD YEAR

English .....	3	English .....	3
Latin 300, The Silver Age .....	3	Latin 300, The Silver Age .....	3
Education 300, Principles of Teaching .....	3	Education 300, Principles of Teaching .....	3
Special Method .....	2	Special Method .....	2
**Elective .....	4 or 5	Elective .....	4 or 5

## FOURTH YEAR

English .....	3	English .....	3
Latin 400, Advanced Course in Virgil .....	2	Latin 400, Advanced Course in Virgil .....	2
School Administration 400 .....	3	School Administration 400 .....	3
†Teaching and Observation .....	4	Teaching and Observation .....	4
*Elective to make 15 hours		Elective to make 15 hours	

\*Botany, Chemistry, Geology, Physics, or Zoology.

\*\*Must elect three hours Sociology, and six hours History, and should offer at least two years of Modern Language.

†Either first or second semester.

## C. Mathematics, Physics and Chemistry

## FIRST YEAR

## FIRST SEMESTER

English 100, Rhetoric and Composition .....	} 4
Public Speaking 100.....	
Chemistry 100 or 110, General Chemistry .....	4
Mathematics 101 or 111.....	4 or 5
Education 100, Psychology.....	3
Physical Education.....	1

## SECOND SEMESTER

English 100, Rhetoric and Composition .....	} 4
Public Speaking 100.....	
Chemistry 100 or 110, General Chemistry .....	4
Mathematics 102 or 112.....	4 or 5
Education 100, Psychology of Adolescence .....	3
Physical Education .....	1

## SECOND YEAR

Physics 200, General Physics....	4	Physics 200, General Physics....	4
Chemistry 201, Quantitative Analysis, Gravimetric .....	4	Chemistry 202, Quantitative Analysis, Volumetric .....	4
Mathematics 200, Calculus.....	3	Mathematics 200, Calculus.....	3
Education 200, History of Education .....	2	Education 200, History of Education .....	2
Physical Education.....	1	Physical Education .....	1
*Elective .....	2	*Elective .....	2

## THIRD YEAR

Chemistry 300, Organic.....	4	Chemistry 300, Organic .....	4
Physics 300, Mechanics and Heat .....	3	Physics 300, Electricity, Heat and Light .....	3
Mathematics 220, Surveying....	3	Mathematics 220, Surveying....	3
Education 300, Principles of Teaching .....	3	Education 300, Principles of Teaching.....	3
Elective .....	2	Special Method.....	2

## FOURTH YEAR

School Administration 400.....	3	School Administration 400 .....	3
†Teaching and Observation .....	4	Teaching and Observation.....	4
Mathematics 310, Algebra .....	3	Mathematics 310, Algebra .....	3
Elective to make 15 hours		Elective to make 15 hours	

\*Electives must be from courses other than Mathematics and Science.

†Either first or second semester.

## D. Modern Language and English

## FIRST YEAR

## FIRST SEMESTER

English 100, Rhetoric and Composition .....	} 4
Public Speaking 100.....	
Modern Language, German, French, or Spanish.....	4
Science.....	4
Education 100, Psychology.....	3
Physical Education.....	1

## SECOND SEMESTER

English 100, Rhetoric and Composition.....	} 4
Public Speaking 100.....	
Modern Language, German, French, or Spanish.....	4
Science.....	4
Education 100, Psychology of Adolescence .....	3
Physical Education.....	1

## SECOND YEAR

English 210, Types of Literature	3	English 210, Types of Literature	3
Modern Language.....	3 or 4	Modern Language.....	3 or 4
History 100, Introduction to the Study of History.....	4	History 100, Introduction to the Study of History.....	4
Education 200, History of Education .....	2	Education 200, History of Education .....	2
Elective .....	2 or 3	Elective .....	2 or 3
Physical Education.....	1	Physical Education .....	1

## THIRD YEAR

English 300, Shakespeare.....	3	English 300, Shakespeare.....	3
Modern Language.....	3 to 6	Modern Language.....	3 to 6
Education 300, Principles of Teaching .....	3	Education 300, Principles of Teaching .....	3
Special Method.....	2	Special Method.....	2
Electives to make 15 hours		Elective to make 15 hours	

## FOURTH YEAR

English .....	3	English .....	3
Modern Language.....	3 or more	Modern Language.....	3
School Administration 400.....	3	School Administration 400.....	3
*Teaching and Observation.....	4	Teaching and Observation .....	4
Electives to make 15 hours		Elective to make 15 hours	

\*Either first or second semester. Those choosing German should select History 231 and 210. Those choosing French should select History 232 and 210.



## E. Biological Sciences

## FIRST YEAR

## FIRST SEMESTER

English 100, Rhetoric and Composition .....	} 4
Public Speaking 100 .....	
Botany 100, General Botany ....	4
Education 100, Psychology .....	3
Physical Education .....	1
Elective .....	4

## SECOND SEMESTER

English 100, Rhetoric and Composition .....	} 4
Public Speaking 100 .....	
Botany 100, General Botany ....	4
Education 100, Psychology of Adolescence. ....	3
Physical Education .....	1
Elective .....	4

## SECOND YEAR

Chemistry 100 or 110, General Chemistry .....	4
Botany 211, Mycology, Phycomycetes and Basidiomycetes ..	3
Education 200, History of Education .....	2
Physical Education .....	1
Elective .....	6
Chemistry 100 or 110, Qualitative Analysis .....	4
Botany 212, Mycology, Ascomycetes .....	3
Education 200, History of Education .....	2
Physical Education .....	1
Elective .....	6

## THIRD YEAR

Chemistry 201, Quantitative Analysis, Gravimetric ....	3
Zoology 100, Introduction to Zoology .....	4
Botany 301, Taxonomy .....	3
Education 300, Principles of Teaching .....	3
Elective .....	3
Chemistry 202, Quantitative Analysis, Volumetric .....	3
Zoology 100, Introduction to Zoology .....	4
Botany 302, Taxonomy .....	3
Education 300, Principles of Teaching .....	3
Elective .....	3

## FOURTH YEAR

Zoology 110, Entomology. ....	4
School Administration 400 .....	3
Special Method .....	2
*Teaching and Observation .....	4
Elective to make 15 hours	
Zoology 110, Entomology .....	4
School Administration 400 .....	3
Special Method .....	2
Teaching and Observation .....	4
Elective to make 15 hours	

\*Either first or second semester.

Student must elect at least 6 hours of History, and Physics if he has not had Physics in High School. Other electives must be taken from other subjects than Science.

## F. Industrial Education

## FIRST YEAR

## FIRST SEMESTER

Drawing 130, Object Drawing and Design .....	1
Drawing 150, Mechanical.....	2
Education 100, Psychology.....	3
English 100, and Rhetoric Composition. ....	3
Industrial Arts 110, Woodworking.....	3
Mathematics 161, Trigonometry	3
Physical Education.....	1

## SECOND SEMESTER

Drawing 130, Object Drawing and Design .....	1
Drawing 150, Mechanical.....	2
Education 100, Psychology of Adolescence .....	3
English 100, Rhetoric and Composition . ....	3
Industrial Arts 110, Woodworking.....	3
Mathematics 162, Shop Mathematics.....	3
Physical Education ..	1

## SECOND YEAR

Chemistry 100 or 110, General Chemistry .....	4
Drawing 230, Constructive Design .....	1
Drawing 240, Descriptive Geom.	2
Education 211, History of Manual Arts and Vocational Education	2
Industrial Arts 210, Cabinet Making.....	3
Industrial Arts 221, Wood Turning.....	2
Physical Education.....	1

Chemistry 100 or 110, General Chemistry .....	4
Drawing 230, Constructive Design .....	1
Drawing 240, Descriptive Geometry.....	2
Education 212, Modern Educational Tendencies .....	2
Industrial Arts 210, Cabinet Making.....	3
Industrial Arts 222, Pattern Making....	2
Physical Education .....	1

## THIRD YEAR

Drawing 301, Architectural.....	2
Education 300, Principles of Teaching .....	3
Economics 100, Economic History	3
Industrial Arts 301, Paper and Cardboard, or.....	
Industrial Arts 321, Sheet Metalwork .....	2
Industrial Arts 311, Concrete Construction .....	2
Physics 100, Freshman Physics..	4

Drawing 302, Topographical, etc.	2
Education 300, Principles of Teaching .....	3
Economics 100, Economic History.....	3
Industrial Arts 302, Bookbinding or.....	
Industrial Arts 322, Art Metalwork .....	2
Industrial Arts 312, Frame Building Construction .....	2
Physics 100, Freshman Physics..	4

## FOURTH YEAR

## FIRST SEMESTER

Drawing 400, Machine Design..	2
Industrial Arts 400, Pottery or	
Industrial Arts 420, Printing...	2
Industrial Arts 411, Forging....	2
Teaching and Observation 401,	
Teaching Industrial Education 2	
Sociology 311, Labor problems..	3
School Administration 401, School	
Organization in Secondary	
Schools.....	3
Elective .....	1

## SECOND SEMESTER

Drawing 400, Machine Design..	2
Industrial Arts 400, Pottery or	
Industrial Arts 420, Printing...	2
Industrial Arts 412, Bench	
Metalwork .....	2
School Administration 412, Or-	
ganization and Administra-	
tion of Vocational Education.	3
Sociology 312, Rural Commu-	
nities.....	3
Teaching and Observation 402,	
Teaching Industrial Education 2	
Elective... ..	1

Students in Industrial Education are advised to spend one or more summers during their course in practical work in the industries. The demand for teachers who have had industrial work in commercial shops is increasing each year.

The student may make any one of the following combinations with the course in Industrial Education:—

Industrial Education and (a) Mathematics, (b) Physics, (c) Agriculture, or (d) Physical Education.

## FIRST YEAR

## FIRST SEMESTER

Drawing 130, Object Drawing	
and Design.....	1
Drawing 150, Mechanical Draw-	
ing .....	2
Education 100, Psychology of	
Adolescence .....	3
English 100, Rhetoric and Com-	
position .. ..	3
Industrial Arts 110, Woodwork-	
ing.....	3
Physical Education .....	1
(a), (b) Mathematics 101, Fresh-	
man Mathematics .....	4
(c), (d) Mathematics 161, Trigo-	
nometry .....	3

## SECOND SEMESTER

Drawing 130, Object Drawing	
and Design.....	1
Drawing 150, Mechanical Draw-	
ing .....	2
Education 100, Psychology of	
Adolescence .....	3
English 100, Rhetoric and Com-	
position .....	3
Industrial Arts 110, Woodwork-	
ing.....	3
Physical Education .....	1
(a), (b) Mathematics 102, Fresh-	
man Mathematics.....	4
(c), (d) Mathematics 162, Shop	
Mathematics.....	3

\*As a one-hour elective in his senior year a student may do advanced work, under the direction of the instructor in charge, in an Industrial Arts or Drawing course in which he has shown exceptional ability and interest.

## SECOND YEAR

Chemistry 100 or 110, General Chemistry .....	4	Chemistry 100 or 110, General Chemistry .....	4
Drawing 230, Constructive Design .....	1	Drawing 230, Constructive Design .....	1
Drawing 240, Descriptive Geometry .....	2	Drawing 240, Descriptive Geometry .....	2
Education 211, History of Manual Arts and Vocational Education .....	2	Education 212, History of Education .....	2
Industrial Arts 210, Cabinet Making .....	3	Industrial Arts 210, Cabinet Making .....	3
(a), (b) Mathematics 211, Plane Analytic Geometry .....	3	(a), (b) Mathematics 212, Solid Analytic Geometry .....	3
(c) Agricultural Education 221, Soils .....	3	(c) Agricultural Education 222, Plant Breeding .....	3
(d) Zoology 121, Hygiene .....	3	(d) Zoology 122, Physiology .....	3
Physical Education .....	1	Physical Education .....	1

## THIRD YEAR

Economics 100, Economic History .....	3	Economics 100, Economic History .....	3
Education 300, Principles of Teaching .....	3	Education 300, Principles of Teaching .....	3
Industrial Education (Selected Course) .....	2	Industrial Education (Selected Course) .....	2
(a) Physics 100, Introductory Course .....	4	(a) Physics 100, Introductory Course .....	4
Elective .....	3 or 4	Elective .....	3 or 4
(b) Physics 200, General Physics .....	4	(b) Physics 200, General Physics .....	4
Elective .....	3 or 4	Elective .....	3 or 4
(c) Agricultural Education 301, Farm Animals .....	3	(c) Agricultural Education 302, Animal Nutrition .....	3
Zoology 110, Entomology .....	4	Zoology 110, Entomology .....	4
(d) Botany 240, Bacteriology .....	3	(d) Botany 240, Bacteriology .....	3
Physical Education .....	1	Physical Education .....	1
Elective .....	2 or 3	Elective .....	2 or 3

## FOURTH YEAR

Industrial Education (Selected Course) .....	2	Industrial Education (Selected Course) .....	2
School Administration 401, School Organization in Secondary Schools .....	3	School Administration 412, Organization and Administration of Vocational Education .....	3
Sociology 311, Labor Problems .....	3	Sociology 312, Rural Communities .....	3
Teaching and Observation 401, Teaching Industrial Education .....	2	Teaching and Observation, Teaching (a), (b), (c), or (d) .....	2
(a) Mathematics 221, Trigonometry .....	4	(a) Mathematics 222, Surveying .....	4
(b) Physics 300, Mechanics and Heat .....	3	Elective .....	1 or 2
Elective .....	2	(b) Physics 300, Electricity, Heat, Light .....	3



## FOURTH YEAR—Continued

(c) Agricultural Education 311, Farm Management .....	3	Elective.....	2
Botany 211 or 221.....	3 or 4	(c) Agricultural Education 312, Horticulture.....	3
(d) Physical Education .....	1	Botany 212 or 222.....	3 or 4
Agricultural Education 221, Soils	3	(d) Physical Education.....	1
Elective.....	1 or 2	Agricultural Education 312, Horticulture.....	3
		Elective.....	1 or 2

## G. Agricultural Education

(a) Chemistry; (b) Industrial Arts.

## FIRST YEAR

## FIRST SEMESTER

Education 100, Psychology .....	3
English 100, Composition and Rhetoric.....	4
(a) Public Speaking 100.....	4
Botany 100, General.....	4
(a) Chemistry 100 or 110, General	4
(b) Drawing 130, Object Drawing and Design .....	1
(b) Drawing 150, Mechanical ...	2
(b) Industrial Arts 110, Wood- working .....	3
Physical Education.....	1

## SECOND SEMESTER

Education 100, Psychology of Adolescence.....	3
English 100, Composition and Rhetoric .....	4
(a) Public Speaking 100.....	4
Botany 100, General .....	4
(a) Chemistry 100 or 110, General	4
(b) Drawing 130, Object Drawing and Design .....	1
(b) Drawing 150, Mechanical...	2
(b) Industrial Arts 110, Wood- working .....	3
Physical Education .....	1

## SECOND YEAR

Education 200, History of Education .....	2	Education 200, History of Education .....	2
Sociology 200, Social Problems .	3	Sociology 200, Social Problems .	3
Agricultural Education 201, Soils .....	3	Agricultural Education 202, Plant Improvement .....	3
Botany 211, Mycology .....	3	Botany 222, Plant Pathology....	3
(a) Chemistry 310, Quantitative Analysis .....	4	(a) Chemistry 310, Quantitative Analysis.....	4
(b) Chemistry 100 or 110, General	4	(b) Chemistry 100 or 110, General	1
Physical Education.....	1	Physical Education .....	4

## THIRD YEAR

Agricultural Education 320, Methods of Instruction ..... 2	Agricultural Education 320, Methods of Instruction ..... 2
Agricultural Education 301, Farm Animals ..... 3	Agricultural Education 302, Animal Nutrition ..... 3
Education 300, Principles of Teaching ..... 3	Education 300, Principles of Teaching ..... 3
Zoology 110, Entomology ..... 4	Zoology 110, Entomology ..... 4
(a) Chemistry 300, Organic ..... 4	(a) Chemistry 300, Organic ..... 4
(b) Industrial Arts 311, Concrete Construction ..... 2	(b) Industrial Arts 312, Frame Building Construction ..... 2
(b) Industrial Arts 411, Forging 2	(b) Industrial Arts 412, Bench Metalwork ..... 2

## FOURTH YEAR

School Administration 401, School Organization in Secondary Schools ..... 3	School Administration 412, Organization and Administra- tion of Vocational Education 3
Teaching 401... .. 3	Sociology 312, Rural Communi- ties ..... 3
Sociology 311, Labor Problems.. 3	Agricultural Education 312, Horticulture ..... 3
Agricultural Education 311, Farm Management ..... 3	(a) or (b) Elective..... 6
(a) or (b) Elective ..... 3	

## H. Home Economics

## FIRST YEAR

## FIRST SEMESTER

Chemistry 100 or 110, General Chemistry ..... 4	
Drawing 121, Household Design 1	
English 100, Rhetoric and Composition ..... } 4	
Public Speaking 100..... } 4	
Education 100, Psychology ..... 3	
Zoology 121, Hygiene..... 3	
Physical Training..... 1	

## SECOND SEMESTER

Chemistry 100 or 110, General Chemistry ..... 4	
Drawing 122, Costume Design.. 1	
English 100, Rhetoric and Composition ..... } 4	
Public Speaking 100..... } 4	
Education 100, Psychology of Adolescence ..... 3	
Home Economics 112, Textiles. 2	
Physical Training..... 1	

## SECOND YEAR

Chemistry 251, Organic Chem... 4	Chemistry 252, Household Chem. 4
Education 211, History of Manual Arts and Vocational Education ..... 2	Home Economics 210, Cooking 2
Home Economics 210, Cooking. 2	Education 212, Modern Educa- tional Tendencies ..... 2
Botany 240, Bacteriology ..... 3	Botany 240, Bacteriology..... 3
Home Economics 201, Elemen- tary Sewing..... 2	Home Economics 202, Dressmaking .... 2
Drawing 301, Architect'l Drawing 2	Physical Training..... 1
Physical Training .. 1	Elective ..... 2

## THIRD YEAR

Chemistry 321, Quantitative Analysis .....	3	Chemistry 321, Food Analysis..	3
Education 300, Principles of Teaching .....	3	Education 300, Principles of Teaching .....	3
Home Economics 301, Advanced Cookery, (1 hr. special method)	3	Cookery.....	3
Home Economics 321, Home Management .....	3	Home Economics 312, Advanced Dressmaking, (1 hour special method).....	3
Elective.....	3	Elective.....	3

## FOURTH YEAR

School Administration 401, School Organization in Secondary Schools.....	3	School Administration 412, Organization and Administration of Vocational Education..	3
*Teaching and Observation.....	3	Teaching and Observation.....	3
Home Economics 410, Dietetics.	2	Home Economics 410, Dietetics.	2
Home Economics 431, House Furnishing .....	1	Home Economics 432, Sanitation .....	1
Home Economics 401, Institutional Cookery.....	3	Home Economics 422, Millinery.	2
Elective to make 15 hours		Elective to make 15 hours	

Electives must be English, History, Sociology, Science, or Modern Languages.

\*Either first or second semester.

## Conspectus of Two-Year Courses

Leading to the diploma and the State four-year provisional Elementary and Special certificate.

### A. Regular Grade Teachers

#### FIRST YEAR

##### FIRST SEMESTER

*Agriculture 101, Elementary	
Agriculture .....	3
Drawing 101, Public School	
Drawing .....	1
Education 151, Psychology.....	3
English 151, Composition and Literature .....	3
*Geography 151, Home and World Geography.....	4
*History 151, United States History .....	4
*Mathematics 151, Mathematics for the First Six Grades.....	4
Music 101, Elementary Music...	1
Physical Education .....	½

15½ or 16½ hours must be carried

##### SECOND SEMESTER

*Agriculture 101, Elementary	
Agriculture .....	3
Drawing 102, Public School	
Drawing .....	1
Education 152, Principles of Teaching .....	3
English 152, Composition and Literature. ....	3
*Geography 151, Home and World Geography. ....	4
*History 151, United States History .....	4
*Mathematics 151, Mathematics for the First Six Grades .....	4
Music 102, Elementary Music...	1
Physical Education .....	½

15½ or 16½ hours must be carried

#### SECOND YEAR

##### First Six Grades

*Education 251, History of Education .....	3
*English 271, Method in Grammar .....	1
*English 261, Reading and Language.....	2
*Home Economics 101, Sewing and Cooking .....	3
*Industrial Arts 201, Public School Handwork.....	2
Music 201, Public School Music. ½	
Observation.....	2
Physical Education .....	½

*Public Speaking 251, Reading Method.....	2
*School Administration 251, School Organization in Elementary Schools.....	3
Teaching 250, Practice Teaching	3
*Zoölogy 251, Sanitation and Health .....	3

16 hours must be carried

*Education 251, History of Education .....	3
Education 272, Educational Sociology .....	2
*English 271, Method in Grammar .....	1
*English 261, Reading and Language .....	2
*Home Economics 101, Sewing and Cooking .....	3
*Industrial Arts 201, Public School Handwork.....	2
Music 202, Public School Music. ½	
Observation.....	1
Physical Education .....	½
*Public Speaking 251, Reading Method .....	2
*School Administration 251, School Organization in Elementary Schools .....	3
Teaching 250, Practice Teaching	3
*Zoölogy 251, Sanitation and Health .....	3

16 hours must be carried



## Seventh and Eighth Grades

Teachers for the seventh and eighth grades will take:

*English 271.....	1
Observation .....	3
Physical Education.....	1
*Public Speaking 251.....	2
*School Administration 251.....	3
Teaching 250.....	6
*Zoölogy 251 .....	3

and 11 hours chosen from the following:

Agriculture .....	3	Library Economy.....	3
Economics.....	3	Mathematics.....	3
English .....	6	Methods in Primary Grades. ....	2
History and Civics .....	3	Music .....	1
Zoölogy .....	3		

*Note:* Courses marked (\*) are one-semester courses, and may be taken in either semester.

## B. Industrial Education

## FIRST YEAR

## FIRST SEMESTER

Drawing 130, Object Drawing and Design.....	1
Drawing 150, Mechanical.....	2
Education 100, Psychology of Adolescence .....	3
English 100, Rhetoric and Composition .....	3
Industrial Arts 110, Wood- working .....	3
Mathematics 161, Trigonometry .	3
Physical Education.....	1

## SECOND SEMESTER

Drawing 130, Object Drawing and Design.....	1
Drawing 150, Mechanical.....	2
Education 152, Principles of Teaching.....	3
English 100, Rhetoric and Composition .....	3
Industrial Arts 110, Wood- working .....	3
Mathematics 162, Shop Mathe- matics.....	3
Physical Education.....	1

## SECOND YEAR

Drawing 230, Constructive Design .....	1
Drawing 240, Descriptive Geometry .....	2
Education 211, History of Man- ual Arts and Vocational Education .....	2
Industrial Arts, 210, Cabinet Making .....	3
Industrial Arts (Elective).....	2
School Administration 401, School Organizations in Sec- ondary Schools.....	3
Teaching and Observation 401, Teaching Industrial Arts.....	2

Drawing 230, Constructive Design .....	1
Drawing 240, Descriptive Geometry .....	2
Education 212, Modern Educational Tendencies .....	2
Industrial Arts 210, Cabinet Making .....	3
Industrial Arts (Elective) .....	2
Education 412, Organization and Administration of Vocational Education .....	3
Teaching and Observation 402, Teaching Industrial Arts.....	2

Students are advised to take the four-year course and receive the degree of Bachelor of Science in Education, thereby placing themselves in line for the better teaching positions, especially in High Schools.

The above course is arranged for those who must teach after two years of study. If possible students should take additional Industrial Education courses during the Summer Term of the University between their Freshman and Sophomore years.

Entrance to the *two-year* course is limited to students of some maturity or of manifest ability in mechanical work, or to those who have had teaching experience.

C. Public School Music

FIRST YEAR

FIRST SEMESTER

Drawing 100.....	1
Education 151.....	3
English 151.....	3
Music 110.....	3
Music 120.....	2
Music 130.....	2
Music 140.....	2
Physical Education .....	½

SECOND SEMESTER

Drawing 100.....	1
Education 152.....	3
English 152.....	3
Music 110.....	3
Music 120.....	2
Music 130.....	2
Music 140.....	2
Physical Education .....	½

SECOND YEAR

Music 210.....	2	Music 210.....	2
Music 220.....	3	Music 220.....	3
Music 230.....	2	Music 230.....	3
Music 240.....	2	Music 240.....	2
Observation.....	1½	Observation.....	1½
Teaching 270.....	2	Teaching 270.....	2
School Administration 251.....	3	Education 251, History of Education .....	3

NOTE: Special fees are charged for private lessons in voice. The following rental fees for the use of instruments are required:

- Piano: \$4 a semester, one hour each day.
- Pipe organ: \$7.50 a semester, one hour each day.
- Extra hours *pro rata*.

## D. Home Economics

### FIRST YEAR

FIRST SEMESTER		SECOND SEMESTER	
Chemistry 100 or 110.....	4	Chemistry 152.....	3
Home Economics 210.....	2	Home Economics 201.....	3
Home Economics 112.....	2	Home Economics 210.....	2
Drawing 121.....	1	Drawing 122.....	1
Education 151.....	3	Education 152.....	3
English 151.....	3	English 152.....	3
Physical Education.....	$\frac{1}{2}$	Physical Education.....	$\frac{1}{2}$
Zoology 251.....	3		
	<u>18½</u>		<u>15½</u>

### SECOND YEAR

Chemistry 251.....	3	Botany.....	4
Home Economics 202.....	2	Home Economics 422.....	2
Home Economics 301.....	3	Home Economics 302.....	2
Home Economics 321.....	2	Home Economics 411.....	2
Home Economics 431.....	1	Home Economics 432.....	1
Teaching 280.....	2	Drawing 221.....	1
School Administration 251.....	3	Education 212.....	2 or 3
	<u>16</u>	Teaching 280.....	2
			<u>17</u>

## E. Agricultural Education

(For township superintendents, principals and science teachers in agricultural communities)

Upon the approval of the professor of Agricultural Education, and under his direction, a group of studies amounting to two years' work may be selected from the four-year course in agriculture, upon satisfactory completion of which a Teachers College diploma for special teachers in Rural Industrial Education will be granted.

## Courses of Instruction

The following pages show the organization of courses under:

(1) The Principles of Education, including Psychology, Principles of Teaching, History of Education and Educational Sociology; (2) Practice Teaching, including observation, conference, plan-writing and class-room teaching; (3) School Organization, including The Elementary Course of Study, School Room Management, School Law; (4) Content and Method, under which will be found an alphabetical list of the courses.

### Principles of Education

JOHN WALTER HECKERT, A. M., Professor  
J. L. MANAHAN, A. M., Professor  
W. H. WILEY, A. M., Associate Professor  
BLANCHE L. MCDILL, A. M., Instructor

100. **PSYCHOLOGY AND ADOLESCENCE.** A course in general and applied psychology for those who are preparing to teach in high school. The first semester will treat, in a general way, of the elementary characteristics of consciousness and their relation to behavior. In the second semester the more advanced theories and recent experimental data bearing upon the special period of adolescence will be considered. Some work in experimental pedagogy, especially in high school subjects, will initiate the pupil into this promising field of applied psychology. Both semesters. Six hours credit. Mr. Wiley.
151. **PSYCHOLOGY, INCLUDING CHILD-STUDY.** A study of the nature of sensations, percepts, images, memories, feelings of relationship, feelings of meaning, judgments, emotions, feelings of willing; the nature of mental life as a whole; the functions of mental states; the structure and action of the nervous system. Dynamic psychology: a study of the laws of mental action in their relation to attention, memory, habit-formation, reasoning, action, etc. Child-study: a brief survey of the periods of development in the life of the child; children's instincts and their function in the process of education; the development of intellect, of the moral nature, and of motor control; heredity and abnormalities in children. First semester. Three hours credit. Mr. Heckert and Mr. Wiley.
152. **PRINCIPLES OF TEACHING AND THE METHOD OF RECITATION.** A course in the application of principles of general and educational psychology to the problem of teaching. Observation of teaching in the William McGuffey Schools and experimentation in class constitute a part of the work in this course. Method of the recitation: the principles of teaching applied to the problems of the recitation. A discussion of these problems. The applica-



tion of the principles of teaching in the preparation of lesson plans in the several branches of the curriculum of the elementary school illustrated. Second semester. Three hours credit. Mr. Heckert, Mr. Wiley, and Miss McDill.

200. HISTORY OF MODERN EDUCATION. A study of present educational institutions, curricula, and aims in the light of their development since the Renaissance, with special emphasis on the evolution of secondary education, and city school systems in America. Lectures, required reading, discussions, and reports. Two hours credit. Mr. Wiley.
211. HISTORY OF MANUAL ARTS AND VOCATIONAL EDUCATION. The history and development of the practical arts in education, including the manual arts, home economics, industrial and vocational education, vocational guidance, etc. Two hours credit.
212. MODERN EDUCATIONAL TENDENCIES. A course in the history of education in modern times. Two sections—one for home economics students, and one for industrial arts students. Second semester. Three hours credit. Mr. Manahan.
251. HISTORY OF EDUCATION. Education in the middle ages. Renaissance and humanistic education. The reformation and its influence upon education. Educational tendencies during the seventeenth and eighteenth centuries: realistic education; the disciplinary conception of education; the naturalistic movement represented by Rousseau. The psychological tendency as represented by Pestalozzi, Herbert, Froeble, and Rosmini. The scientific tendency. The sociological tendency. The present tendencies in education, especially in the United States. Either semester. Three hours credit. Mr. Wiley.
272. EDUCATIONAL SOCIOLOGY. The purpose of the course is to set forth the social influences of the school in developing the child's efficiency as a member of society: (a) of those within the school room, play ground, school garden, etc.; (b) of those obtained through the co-operation of home and school, i. e. mothers' and parents' meetings, educational associations, etc. Second semester. Two hours credit. Mr. Manahan.
300. PRINCIPLES OF TEACHING. A study of the principles of teaching with special reference to their application in high school branches. Among the topics discussed are the following: educational aims and the special function of the high school; fundamental traits of the adolescent; the several modes of learning in their application to high school studies; the organization of lessons when the chief end in view is either drill, the develop-

ment of concepts, or their application; training the high school student to think and organize materials; the theory of interest and the special interests of the students of this period; principles controlling in measuring the results of teaching; questioning; supervised study; preparation of lesson plans. Three hours credit. Mr. Heckert.

## Practice Teaching

JOHN WALTER HECKERT, A. M., Director  
Critic Teachers

250. **REGULAR GRADE.** Students prepare series of lessons and teach them in the William McGuffey Elementary School. This work is organized on two fundamental principles: (1) that the students must not fail in their practice teaching through any lack of preparation, and (2) that the development and establishment of right ideals and methods of teaching in the minds of the student teachers demand that the practice teaching be carried on under careful supervision and criticism, and that it extend over a considerable period of time. With these ends in view, the courses in history, geography, and English are offered in the first year, as are also the courses in psychology, the principles of teaching, the method of recitation, the history and teaching of mathematics, and the special method in history and geography. The special method in spelling, reading and literature is given during the second year. While the students are studying the principles of teaching, they are required to observe the teaching of critic teachers. In this manner they obtain a more comprehensive view of the meaning of these principles and also come to know the class-room situation. Finally, students are taught to plan lessons. Continuous teaching of about one-half hour daily begins with the sophomore year and continues to its close. During this time students are under the immediate direction of the critic teachers, to whom they are responsible for preparation and the actual teaching of lessons. During the entire year, however, student teachers, who require more care than the critic teachers are able to give them, will be in charge of the Director. Prerequisite, Education 150. Total credit, three hours.
260. **INDUSTRIAL EDUCATION.** Observation, making lesson plans and teaching under supervision in the William McGuffey Schools. Two hours credit. The Director, Mr. Selby and Mr. Smith.
270. **PUBLIC SCHOOL MUSIC.** Similar treatment of the course above. Two hours credit. The Director and Miss Wood.

280. HOME ECONOMICS. Similar treatment of the course above. Two hours credit. The Director, Miss Hanna and Miss Meadows.
290. AGRICULTURAL EDUCATION. Similar treatment of the course above. Two hours credit. The Director and assistant.
401. HIGH SCHOOL TEACHERS. Students desiring to prepare themselves for teaching in secondary schools will take their practice teaching in the William McGuffey High School. Candidates for practice teaching must have completed the course in the principles of teaching for secondary teachers. To assure thorough preparation in subject-matter they will be required to teach one of their majors, preferably the one in which they rank highest. A rank of "C" or less in any subject should in general be looked upon as a disqualification for teaching that subject. Students will teach one period of forty-five minutes per day—exclusive of laboratory periods—for twelve weeks. Either semester. Three hours credit. Director and high school critics.

## School Administration

HARVEY C. MINNICH, Ped. D., Professor

251. SCHOOL ORGANIZATION IN ELEMENTARY SCHOOLS. A general discussion of the elementary course of study, its aim, and organization. A comparative study of schoolroom control and class organization; daily programs, attendance, school records; The School Code of Ohio. Either semester. Three hours credit.
400. SCHOOL ORGANIZATION IN SECONDARY SCHOOLS. A study is made of the national, state and local factors in American secondary school organization and administration. The main features of the American secondary schools are compared with secondary education in France, Germany, and England. Courses of study for high schools are constructed and compared. School statutes relative to high schools; organization of high schools; internal control and cooperative agencies. Three hours credit.
412. ORGANIZATION AND ADMINISTRATION OF VOCATIONAL EDUCATION. (a) Organization of this work in different kinds and grades of schools; (b) preparation of courses of study; (c) planning equipments to meet different conditions, with costs of same; (d) study of the school and industrial survey to determine courses to be offered. A thesis is required at the end of the course. Three hours credit.



## Content and Method

### Agricultural Education

BENJAMIN MARSHALL DAVIS Ph. D., Professor  
VICTORIA CARSON, Assistant

101. **ELEMENTARY AGRICULTURE.** This course consists of a general survey of the principles of agriculture and their applications to farm practice. Illustrative material is selected and presented with special reference to use in instruction in elementary schools. Text: Davis' *School and Home Exercises in Elementary Agriculture*. One lecture and two laboratory periods. Either semester. Three hours credit. Mr. Davis and Miss Carson.
201. **SOILS.** Properties, principles of fertility, and management. The course is introduced by brief physiological study of the plant and its relation to the soil and is followed by detailed studies of the soil, as formation, types, physical and chemical properties, water, air, micro-organisms, fertilizers, drainage and tillage. Text: Lyon, Flippin, and Buckman's *Soils, the Properties and Management*. Prerequisite, Chemistry 100 or 110, or a good high school course. Two recitations and one laboratory period. First semester. Three hours credit. Mr. Davis.
302. **PLANT BREEDING.** Biological principles underlying plant and animal improvement, including an elementary study of genetics. Application of these principles in selection and improvement of plants and animals. Text: Bailey and Gilbert's *Plant Breeding*. Prerequisite, Botany 100 or a good high school course. Two recitations and one laboratory period. Second semester. Three hours credit. Mr. Davis.
301. **FARM ANIMALS.** Study of livestock industry with reference to production and markets, classification of farm animals, their history and development, characteristics of various types and breeds, principles of stock judging. Text: Vaughan's *Types and Market Classes of Livestock*. Three recitations or demonstrations. First semester. Three hours credit. Mr. Davis.
302. **ANIMAL NUTRITION.** Physiology of animal nutrition, principles of feeding, study of feeding materials, and practice of feeding farm animals. Text: Woll's *Productive Feeding of Farm Animals*. Prerequisite, Chemistry 100 or 110 or a good high school course. Second semester. Three recitations. Three hours credit. Mr. Davis.



311. FARM MANAGEMENT. Three hours credit. (Not given 1916-17.)
312. HORTICULTURE. Three hours credit. (Not given 1916-17.)
320. METHODS OF INSTRUCTION. A course dealing with the problems of agricultural instruction in high schools. Particular attention is given to various methods of instruction and to the relation of the school to a rural community. Two recitations. Two hours credit. (Not given 1916-17.)

## Drawing

(See Industrial Education)

## English

FRANCES GIBSON RICHARD, A. M., Associate Professor

151. COMPOSITION AND LITERATURE. Theme writing. Drill in story telling. Literature for children, including Greek and Norse mythology, medieval Continental legends, the Arthurian cycle, the Robin Hood cycle, and miscellaneous stories from American history and literature. First semester. Three hours credit. Mrs. Richard.
152. COMPOSITION AND LITERATURE. Theme writing. Selection from modern literature of material for grade work. Organization of material by grades. Dramatization of grade material. Study of the short story, based upon a text-book and classical selections. Second semester. Three hours credit. Mrs. Richard.
251. COMPOSITION AND SPELLING. Composition: aims in teaching oral and written composition; the difficulties in the way; the materials upon which the work should be based; organization of thought as an element in composition writing; teaching form in language; effective ways of making corrections. Spelling: selection of words to be assigned for one lesson; facts pupils should know about each word; proper methods of teaching spelling from the point of view of psychology. One hour credit.
261. READING AND LANGUAGE. What a good method of teaching reading ought to provide for; a criticism of various methods from this point of view; teaching pupils to read for thought, for expression, with fluency; the use of the "reader" in the upper grades; proper materials for reading in the several grades; methods of presenting literary wholes; what can be done to secure appreciation of good literature. Either semester. Two hours credit.

271. **METHOD IN GRAMMAR.** The purpose of the course in grammar; the proper sequence of topics of study; the selection of material for a motive; the inductive method of treatment. Either semester. One hour credit.

## Geography

GEORGE WILSON HOKE, Ph. M., Professor  
MILDRED AINSLEY, Assistant

151. **HOME AND WORLD GEOGRAPHY.** A survey of the fundamental conditions of the home situation, and its relations to the larger geographic features of the world as a whole, from the standpoint of teaching in the elementary grades. Two recitations and two laboratory periods per week. Repeated each semester. Four hours credit.
251. **REGIONAL GEOGRAPHY.** A survey of the fundamental geographic conditions in selected areas of Eurasia and the Americas from the standpoint of teaching Geography in the upper grades. Two recitations and two laboratory periods per week. Repeated each semester. Four hours credit.

## History

CLARENCE EDWIN CARTER, Ph. D., Professor

151. **THE HISTORY OF THE UNITED STATES TO 1790.** Early American history from the period of discovery to the making of the Federal Constitution. Attention is given to such subjects as the European background, motives for colonization, the life of the people, governmental institutions, the conflict between France and England for the control of North America, the relations of the colonies to the mother country, the American Revolution, the period of the Confederation and the organization of the Federal governments. Four hours credit. One hour of the four will be devoted to methods of teaching history.
251. **THE HISTORY OF THE UNITED STATES, 1790-1915.** Emphasis is laid on such topics as political parties, the slavery controversy, problems arising out of the civil war and reconstruction periods, and the social and economic development of the whole period. Three hours credit.

## Home Economics

MARTHA J. HANNA, A. M., Assistant Professor

ADA MEADOWS, A. M., Instructor

MABEL WEST, Assistant

101. COOKING AND SEWING. In two parts: First: *Cookery and Home Management*. This work will include: Preparation and serving of foods; food sanitation; marketing; household accounts. Lecture and laboratory work.

Second: *Sewing and Handwork*. This will require: Designing, drafting; construction. The particular problems will be patterns, garments, house furnishings. Lecture and laboratory work Either semester. Three hours credit. Miss Hanna.

112. TEXTILES. The production, properties, preparation and treatment of fibers used in textile manufacture. The historical development of spinning, weaving and the modern processes of manufacturing. The laboratory work includes weaving, dyeing, chemical and microscopic tests of fibers. Characteristics of wool cotton, linen and silk materials are studied in order that the student may be a competent judge of the quality. One lecture and three hours laboratory work a week. Second semester Two hours credit. Miss Meadows.

201. ELEMENTARY SEWING. The fundamental principles of drafting and cutting patterns from measurements. The making of garments from drafted and commercial patterns. The use and care of machines. Students furnish most of the material they use. One lecture and six hours laboratory work a week. Drawing 121 is prerequisite and Drawing 122 must be taken as a parallel course. First semester.\* Three hours credit. Miss Meadows.

202. DRESSMAKING. Emphasis is placed on artistic and skillful hand sewing and on application of the principles of costume design. Problems are: making lingerie dress, tailored shirtwaist and linen skirt. Course 201 is prerequisite. Students furnish most of the material they use. One lecture and five hours laboratory work a week. Second semester.† Two hours credit. Miss Meadows.

\*Given in the second semester of the first year in the two-year course for teachers of Home Economics.

†Given in the first semester of the second year in the two-year course for teachers of Home Economics.

210. **ELEMENTARY COOKERY.** A systematic study of the principles and methods involved in the preparation of food. The composition, production, manufacture and physiological value of the food stuffs of the world are considered. One lecture and three hours laboratory work a week. Two hours credit. Miss Hanna and Miss West.
301. **ADVANCED COOKERY.** Preservation of fruits and vegetables. Principles of cooking reviewed and applied independently. Advanced cookery. Cost, preparation and serving of formal meals in the home. Simpler meals for home and institutions. School lunches. Menu making. Course 210 is prerequisite. One lecture and six hours laboratory work a week. First semester. Three hours credit. Miss Hanna.
302. **ADVANCED COOKERY (continued).** One lecture and three hours laboratory work a week. Second semester. Two hours credit. Miss Hanna.
312. **ADVANCED DRESSMAKING.** This course includes the making of a wool dress for school and a silk dress. Especial attention is given to the study of methods used in working on wool material and in giving student skill in handling silk and lighter materials such as chiffon and marquisette. Prerequisite is Home Economics 202. One lecture and six hours laboratory a week. Second semester. Three hours credit. Miss Meadows.
321. **HOME MANAGEMENT.** The economic history of the household, the family income and its expenditure. Regulation of family expenditures. The budget system. Necessaries for efficient living. House maintenance, furnishings and equipment. Operating expenses. Cost of food and clothing. Thrift. Methods of saving. Methods of buying household and food supplies. One lecture a week. First semester. One hour credit. Miss Hanna.
401. **INSTITUTIONAL COOKERY.** The purpose of this course is to give practice in handling materials in large quantities for institutions. The course will include practice in planning and serving of luncheons of varying costs. Luncheons of minimum cost will be planned with regard to the demands of the school or cafeteria. Methods of buying for institutions—dietaries for institutions, and menu-making for institutions will be considered. One lecture and six hours laboratory work a week. Prerequisite, courses 210 and 300. Three hours credit. Miss Hanna.



410. **DIETETICS.** The purpose of this course is to present the fundamental principles of human nutrition and their application to the feeding of individuals, families and groups under varying physiological, economic and social conditions. The requirements of the individual in health and disease are dealt with in the light of the chemistry and physiology of digestion, the energy value of food, the nutritive properties of proteins, fats and carbohydrates and ash constituents. Typical dietaries are planned and prepared. Course 210 is prerequisite. One lecture and three hours laboratory work a week. Miss Hanna.
422. **MILLINERY.** The designing, construction, trimming of hats and making of flowers and trimmings. Course 201 and Drawing 120 are prerequisite. Students furnish material they use. Second semester. Two hours credit. Miss Meadows.
431. **HOUSE FURNISHING.** The application of the principle of harmony in line, in dark and light, and in color to designs in interior decoration. Development of house, history of furniture, household textiles and application of good principles of home decoration to practical problems are taken up. Drawing 120 is prerequisite. One lecture and two hours laboratory work a week. First semester. One hour credit. Miss Meadows.
432. **SANITATION.** A study of water supply systems, sewers, disposal of waste, milk supplies, ice supplies and shop sanitation in so far as their products entering the home may spread contagion; general sanitation of the home—disinfection, fumigation, cleanliness. The principles of laundry work are taught through practical application. Sorting, soaking, removal of stains, disinfecting. Method of handling cotton, linen, woolen, silk. Treatment of colored materials, cost, care and use of machinery for laundering in the home, comparison of household and commercial laundering. Dry cleaning, dyeing, pressing. Course is prerequisite. Two lectures and two hours laboratory work a week. Two hours credit. First semester. Miss Hanna and Miss Meadows.

## Industrial Education

FRED CAMPBELL WHITCOMB, B. S., Professor  
MARY EDNA FLEGAL, B. S., Assistant Professor  
FOREST TOBIAS SELBY, B. S., Assistant Professor  
MARIANNE MITCHELL, B. S., Assistant Professor  
JOHN WARREN SMITH, Instructor  
ASA EARLE GEETING, Student Assistant

### Drawing

100. PUBLIC SCHOOL DRAWING. The purpose of this course is to meet the needs of the grade teacher in art work. Elementary drawing and the principles of design with many applications are stressed. One hour credit. Miss Flegal.
110. OBJECT DRAWING AND SKETCHING. The emphasis in this course is placed upon the technical expression of art principles. Elementary perspective is also included. One hour credit. Not given 1916-17.
121. HOUSEHOLD DESIGN. Arranged for Household Economics students. The application of principles of design is made to problems related to the house and home. One hour credit. Miss Mitchell.
122. COSTUME DESIGN. Arranged for Household Economic students. The principles of design are studied in relation to dress. One hour credit. Miss Mitchell.
130. OBJECT DRAWING AND ELEMENTARY DESIGN. A short course arranged for Industrial Arts students. (a) Elementary freehand perspective with the purpose of representing form in the drawing of objects and in out-door sketching. (b) Practical application of the principles of design in problems arising in Industrial Arts courses 110, 221 and 322. Reference is made to Noyes' *Design and Construction in Wood*, Rose's *Copper Work* and Crawshaw's *Wood Turning*. One hour credit. Miss Mitchell.
150. MECHANICAL DRAWING. (1) Technical freehand sketching, (2) freehand lettering, (3) orthographic projection, (4) simple working drawings, (5) pictorial representation, (6) tracings, (7) blue printing. Text: French's *Engineering Drawing*. Students may rent instruments. Two hours credit. Mr. Smith.
221. HOUSE PLANNING. Arranged for Home Economics students. (a) blue prints of a small house are copied to a different scale; (b) each student designs and makes the plans and specifications for a house; (c) the class studies the various problems which arise in planning and building a house. One hour credit. Mr. Whitcomb.

230. CONSTRUCTIVE DESIGN AND FREEHAND PERSPECTIVE. The principles of design are studied and used in making a number of designs for furniture. Perspective drawings are also made from these designs. Text: Crawshaw's Furniture Design. Drawing courses 130 and 150 and Industrial Arts course 110 are prerequisite. One hour credit. Mr. Whitcomb.
240. DESCRIPTIVE GEOMETRY. The student having completed a course in practical mechanical drawing (Drawing 150), now studies the theory of orthographic projection. Problems relating to points, lines, planes, curved lines and surfaces are discussed in class and worked out in the drafting room. Text: Smith's Practical Descriptive Geometry. Two hours credit. Mr. Whitcomb and Mr. Selby.
301. ARCHITECTURAL DRAWING. The drafting of a set of house plans is made the basis for the course. Drawing courses 130 and 150 are prerequisite. Given in 1916-17 and in alternate years. Two hours credit. Mr. Whitcomb.
302. MAP, TOPOGRAPHICAL DRAWING, ETC. (a) Mechanical perspective; (b) Shades and shadows; (c) Map and topographical drawing; (d) Patent office drawings. Drawing courses 130 and 150 are prerequisite. Texts: French and Smith used in previous courses. Given in 1916-17 and in alternate years. Two hours credit. Mr. Whitcomb.
400. MACHINE DRAWING AND DESIGN. An elementary course in this subject. Drawing courses 130 and 150 are prerequisite. Text: Reid's *Mechanical Drawing and Elementary Machine Design*. Given in 1915-16 and in alternate years. Two hours credit. Mr. Selby.

## Industrial Arts

110. WOODWORKING. From working drawings and blue prints, a number of simple pieces of woodwork are made. The correct use of tools is emphasized. By means of lectures, readings, drawings, and experiments, the following topics are considered: the classification, construction, use, and evolution of tools; forms of fastenings; wood finishing; seasoning of wood; lumbering; saw milling and forestry. Three hours credit. Four hours credit will be required of students who do not show superior ability in the work of this course. Mr. Smith.

201. PUBLIC SCHOOL HANDWORK. A study of the different forms of handwork as related to grade work. These forms include paper and cardboard construction, modeling with clay, weaving, wood-working, etc. Either semester. Two hours credit. Mr. Selby and Miss Mitchell.
210. CABINET-MAKING. From designs made in Drawing 230 (which should be taken as a parallel course), articles of furniture are constructed. Caning, upholstering, simple carving, inlaying, veneering and metal trimming are employed in the course. A study is made of the different styles and periods of furniture and of the joints used in cabinet-making. Woodworking machines are used and studied. Industrial Arts 110 and Drawing 130 and 150 are prerequisite. Three hours credit. Mr. Selby.
221. WOOD-TURNING. A study of the lathe, turning tools, methods of turning and methods of finishing. Cabinet turning, including the processes of turning between centers, face plate, and chuck work. Given in 1915-16 and in alternate years. Two hours credit. Mr. Selby.
222. PATTERN-MAKING. Pattern turning and bench work, including some simple foundry work with soft metals. Given in 1915-16 and in alternate years. Two hours credit. Mr. Selby.
301. PAPER AND CARDBOARD WORK. The historic development of the paper industry. Constructive problems based on the use of paper and cardboard in connection with the principles of design. The articles made involve the processes of tearing, cutting, folding, mounting, pasting, weaving, and constructing. Given in 1916-17 and in alternate years. Two hours credit. Miss Mitchell.
302. BOOKBINDING. The development of the bookbinding industry, together with a brief study of printing and lettering in connection with bookbinding, repairing of books, and making of pamphlets, tablets, and note-books. Given in 1916-17 and in alternate years. Two hours credit. Miss Mitchell.
311. CONCRETE CONSTRUCTION. Practical work with concrete in its various uses is made the basis for the course. A study is made of cement, its properties and its manufacture. Given in 1916-17 and in alternate years. Two hours credit. Mr. Smith.
312. BUILDING CONSTRUCTION. The erection of a small frame building is made the basis for the work of this course. A thorough study is made of building materials, of processes, of methods, and of the mechanics of carpentry. Some knowledge of the use of the common woodworking tools is prerequisite. Given in 1916-17 and in alternate years. Two hours credit. Mr. Smith.



321. SHEET METALWORK. The work is largely elementary tinsmithing but not confined to this industry. Given in 1916-17 and in alternate years. Two hours credit. Mr. Selby.
322. ART METALWORK. Sheet copper and sheet brass are used as the chief materials. Instruction is given in bending, sawing, filing, riveting, soft and hard soldering and hammering. Decoration by measure of piercing, etching, chasing, embossing, flame and acid coloring, and enameling. Not given in 1916-17. Two hours credit. Mr. Selby.
400. CLAY MODELING AND POTTERY. A study of the principles of design, with clay as the medium of expression. The study of form and construction is arranged in a series of progressive lessons, beginning with simple lines and masses, in moulding, repeated borders, and pottery. The course has direct relation to the industrial arts and to pottery, but is also designed to meet the needs of teachers in elementary schools. Given in 1916-17 and in alternate years. Two hours credit. Miss Mitchell.
411. FORGING. An elementary course in forging, including the usual processes of drawing, bending, twisting, upsetting, welding, and shaping of wrought iron and soft steels, and the annealing, hardening, tempering and working of high carbon steel. Not given in 1916-17. Two hours credit. Mr. Selby.
412. BENCH METALWORKING. A number of processes of bench work with cold metal are considered, such as chipping, filing, fitting, polishing, drilling, riveting, and threading. Given in 1916-17 and in alternate years. Two hours credit. Mr. Selby.
420. PRINTING. Practical work: (a) composition, (b) distribution, (c) imposition, (d) proof reading, (e) presswork, (f) job printing and (g) methods of illustrating. Class work and readings: (a) historic methods of transmitting knowledge, (b) discovery of movable type, (c) invention of the printing press, (d) composition of ink, (e) monotype and linotype machines, (f) methods of illustrating, etc. Given in 1915-16 and in alternate years. Two hours credit. Mr. Smith.

## Mathematics

THOMAS LYTLE FEENEY, A. M., Professor

151. MATHEMATICS FOR THE FIRST SIX GRADES. The nature of number and the various methods of presenting number facts and processes are considered. The theories of Pestalozzi, Grube, Fitzga, Dewey and others are discussed as far as time permits and a rational method of procedure worked out in the class. The written processes with integers are worked over, common and decimal fractions taken through the fundamental operations and the tables of weights and measures applied to the solution of problems arising in life. For freshmen in the course for grade teachers. Either semester. Four hours credit.
161. INDUSTRIAL MATHEMATICS. One-third of the time is devoted to shop mathematics including problems in house-building, forging, pulleys, belts and speeds; and two-thirds to plane trigonometry. For students in manual training. First semester. Three hours credit..
162. INDUSTRIAL MATHEMATICS. The first two-thirds of the time are devoted to analytics and the remaining time to shop mathematics including problems in pattern-making, foundry practice, the micrometer and the slide rule, general mensuration. For students in manual training. Second semester. Three hours credit.
251. MATHEMATICS FOR THE SEVENTH AND EIGHTH GRADES. Percentage is taught to show how topics in pure numbers are handled. The functions of a bank, the organization of a stock company, a village bond issue, local taxes and insurance are discussed to indicate a rational method of presenting topics in applied arithmetic. The proper place of algebra and geometry in the grades is carefully considered. For sophomores in the course for grade teachers. Elective. Three hours credit.

## Music

AUBREY W. MARTIN, Director and Associate Professor

JOSEPH CLOKEY, A. B., Instructor

\*SARA NORRIS, A. B., Instructor

\*MARY B. WOOD, Instructor

MABEL BEATRICE SWEET, Instructor

100. **ELEMENTARY MUSIC.** A course in the fundamental principles of musical structure. Study of notation with frequent drills in rapid sight reading based on the best public school music material. Memorizing, reading and writing melodies. General topics: music, tone, rhythm, melody, interpretation, and appreciation. One hour credit. Mr. Martin.
110. **SUPERVISOR'S COURSE IN ELEMENTARY MUSIC.** Similar in subject-matter to Music 100, but more comprehensive in character. The course is planned to serve as an introduction to the study of harmony. A great deal of reference work is required and creative work is encouraged. The course covers fully all problems in musical structure, tone, rhythm, melody, interpretation, and appreciation which may reasonably be expected to confront the supervisor in a modern school system. Tapper's *First Year Musical Theory* is used as a basis for the course. Three hours credit. Mr. Martin.
120. **SUPERVISOR'S COURSE IN PUBLIC SCHOOL MUSIC.** Covers fully all the topics found in Music 200, and adds an intensive study of upper grade and high school work as outlined in the following general topics: two-, three-, and four-part singing; care and preservation of the boy's voice; the bass staff, development of bass and tenor voices; departmental music; survey of best music for grammar grades and high school; conducting and management of choruses; arrangement of teaching material; lesson plans and observation work. Students are required to consult a great many references including such works as *School Music Teaching*, Giddings; *Education through Music*, Farnsworth; *The Child Voice in Singing*, Howard; and others. Two hours credit. Mr. Martin and Miss Sweet.
130. **SINGING.** A study of fundamentals of good voice production. Vocal studies and part-songs. Individual and class work. Student rehearsals. Two lessons and six to eight hours work required each week. Two hours credit. Mr. Martin.
140. **PIANO PLAYING.** Technical and interpretative studies in piano playing, and study of the less difficult piano literature of the old and modern schools. Work in sight reading to cultivate the

\*Absent on leave.

playing of an accurate and of a sympathetic accompaniment to hymns, part-songs, and solos. Individual and class work. Student rehearsals. Two lessons and six to twelve hours work required each week. Two hours credit. Mr. Clokey.

200. PUBLIC SCHOOL MUSIC. General topics: relation of music to public education. General principles of teaching school music. Survey of current school music courses. Course of study for elementary schools. Methods of teaching. Prerequisite, Music 100. One-half hour credit. Mr. Martin and Miss Sweet.
210. HARMONY. A course in musical composition and analysis. Study of the formation, connection, and resolution of the fundamental chords, chromatically altered chords, and augmented sixth chords. Suspensions, ornamental tones, sustained tones, and modulation. Cadence formulas and harmonic analysis. Memorization of chords and chord functions. Invention and harmonization of melodies in different voices. Composition in the unitary, binary, ternary, minuet, march, waltz, theme with variations, and rondo forms. The course is based on Richter's and Tapper's *Manual of Harmony*. Prerequisite, Music 100. Three hours credit. Mr. Clokey.
220. HISTORY OF MUSIC. A course in the evolution of music. General topics: primitive music and music of the ancient cultured nations, catholic church music, medieval music, development of choral music, German and English protestant music, musical instruments and the growth of instrumental music, and the invention and evolution of the opera. Study of the following great master composers, and their relation to the musical movements of the time: Bach, Handel, Gluck, Hayden, Mozart, Beethoven, Weber, Schubert, Schumann, Mendelssohn, Chopin, Berlioz, Liszt, and Wagner. Recent composers and music in the different national groups. The course is copiously illustrated and is based on Dickinson's *The Study of the History of Music*. Prerequisite, Music 100. Three hours credit. Mr. Martin.
230. ADVANCED SINGING. The development of vocal technique. Continuation of vocal studies and part-songs. Individual and class work. Student rehearsals. Two lessons and six to twelve hours work required each week. Two hours credit. Mr. Martin.
240. ADVANCED PIANO PLAYING. The development of piano technique. Study of the more difficult piano literature of the old and modern schools. Pipe organ playing for sufficiently advanced students. Individual and class work. Student rehearsals. Two lessons and six to twelve hours work required each week. Two hours credit. Mr. Clokey.



104. THE GLEE CLUB, organized in 1907, gives annually a program of the best part-songs, choruses, and ballads, written for men's voices. Membership is limited to thirty voices chosen from the Arion Choir. Students who can both sing and play some orchestral instrument, including the piano, mandolin, and guitar are especially desired. Credit not to exceed two semester hours for the entire year is given according to the quality of work accomplished. Rehearsals, Wednesday and Friday evenings, 6:45-7:45 o'clock. Mr. Martin.
114. THE MADRIGAL CLUB, organized in 1908, gives annually, with a visiting soloist, a program of the best part-songs, choruses, and cantatas, written for women's voices. Membership is limited to thirty voices chosen from the Arion Choir. Credit not to exceed two semester hours for the entire year is given according to the quality of the work accomplished. Rehearsals, Tuesday and Thursday evenings, 4:00-5:00 o'clock. Mr. Martin.
124. THE ARION CHOIR, organized in 1911, gives annually a cantata or oratorio with visiting soloist and combination pipe organ and piano accompaniment. Membership is limited to two hundred voices chosen by competition open to all the students of the University. In 1915-16 *Martha*, by Flotow, was given in operatic form, with orchestral accompaniment. Rehearsals, Monday evenings, 6:45-7:45 o'clock. Mr. Martin and Mr. Clokey.
134. THE CHAPEL CHOIR, organized in 1911, sings at the regular Chapel and University services. A Processional and Recessional in vested costume are sung in the latter service. The members are chosen from the Glee and Madrigal Clubs. Rehearsals, Saturday, 11:30-1200 o'clock. Mr. Martin and Mr. Clokey.
154. THE UNIVERSITY ORCHESTRA, organized in 1915, gives annually a public concert and provides accompaniments for the concerts of other musical organizations. The membership is limited to thirty-five and admission is by individual try-out at the beginning of the first semester. Pupils who can play the oboe, viola, horn, cello or string bass are especially desired. Rehearsals, Tuesday and Thursday evenings, 6:45-7:45 o'clock. Mr. Clokey.

## Physical Education

ALFRED D. BROWNE, M. D., Professor  
CHESTER J. ROBERTS, A. B., Assistant Professor  
EDITH CORNER SIGSBEE, A. B., Instructor  
MARGARET FOX, R. N., Nurse  
FLORENCE WASSERMAN, Assistant

The object of this department in the Teachers College is two-fold: first, to give the student such supervision and instruction as will enable her to secure and conserve her own health by intelligent attention to the laws

of health and hygiene, and to aid her, through her own efforts, to keep her body in the best physical condition possible; second, to train her to become a capable worker in school gymnastics or calisthenics and in school-yard and playground supervision.

To these ends special indoor and outdoor exercises, games, and dances are used according to the season, the needs of the students, or the stage of the course. Special application of this training, and supervision in all forms of exercises, plays and games in grade, high school, and playground work is given by interclass and intergroup contests and field-days arranged at various times during the year, and also by exceptional opportunities afforded by the practice teaching in the William McGuffey Schools.

It is supplemented by study of courses of instruction in physical training and hygiene, of plans of playgrounds and school-yards, and of equipment of playgrounds and gymnasiums.

Instruction in hygiene is given one hour each week during the second semester of the freshman year. This course consists of lectures and sanitary excursions. The lectures comprise personal hygiene, analysis of air, soils, water, adulterations of foods, milk supplies and products, transmission of diseases, immunity, heredity and eugenics, industrial and occupational diseases, etc.

## Public Speaking

ARTHUR LOREN GATES, A. M., Professor

251. **READING COURSE FOR TEACHERS.** The study of the expression of the simplest styles of literature—narration, description, etc. The use of the teacher's voice in the school room. Methods outlined and practice required for the development of tone in the speaking voice. Two hours credit. Mr. Gates.

## Zoology

STEPHEN RIGGS WILLIAMS, Ph. D., Professor

251. **SANITATION AND HEALTH.** Emphasis is placed upon important life processes as related to intelligent care of the human body. Much attention is given to school health and sanitation. The subject is presented chiefly by means of laboratory experiments, many of which may be adapted by teachers for use in elementary schools. One lecture and two laboratory periods a week. Either semester. Three hours credit. Mr. Williams.

## List of Students

### Candidates for Bachelor of Science in Education

#### Senior Class

Bolender, E. L.....	Oxford	McKittrick, Austa.....	Kenton
Doughten, John Duer.....	Hubbard	Martin, Chester C.....	Sardinia
Geeting, Asa E.....	Oxford	Moery, Marguerite.....	Franklin
King, Eleanor M.....	Ossian, Ind.	Moore, James A.....	Edinburg, Ind.
McGinnis, Martha I.....	Ludlow, Ky.	TOTAL, 9: Men, 5; Women, 4.	

#### Junior Class

Benbow, Hazel.....	Cincinnati	Martin, Oscar C.....	Sardinia
Carson, Victoria.....	Oxford	West, Mabel.....	Cuba
TOTAL, 4: Men, 1; Women, 3.			

#### Sophomore Class

Ashton, Richard.....	Oxford	McClellan, George B.....	Eaton
Braunecker, Helen.....	Cincinnati	Noggle, Glenn J.....	Oxford
Cetone, Estella.....	Oxford	Roudebush, Sarah.....	Oxford
Cookson, Ernestine.....	Troy	Stults, Emma B.....	Middletown
Cornell, Arretha.....	Glendale	Townley, Ruth E.....	Wyoming
Cuthbert, Edith Opal.....	Dayton	Trovillo, Ella.....	Dayton
Eby, Edith Lucile.....	West Elkton	Venn, Alice.....	Ludlow, Ky.
Edwards, Helen.....	Marysville	Waggoner, Walter.....	Oxford
Foulkes, Thomas G.....	Columbus Grove	Walter, Zura M.....	Celina
Geeting, Cecil.....	Oxford	Werner, Wilber S.....	Covington, Ky.
Gilbert, Edna.....	Okeana	White, Irvin.....	Mt. Orab
Henderson, Esther.....	Marysville	Wiley, Mary.....	Cincinnati
Henderson, Howard.....	Oxford	TOTAL, 25: Men, 10; Women 15.	

#### Freshman Class

Name	High School	Entrance Units	Address
Black, Albert Eli.....	Mechanicsburg.....	15.....	Woodstock
Brickler, George Max.....	Alexandria.....	15.....	Alexandria, Ky.
Foreman, Lucille.....	Marion.....	15.....	Marion
Freudenberger, Myra.....	Walnut Hills.....	15.....	Cincinnati
Granger, E. C.....	Washington Twp.....	15.....	Rockford
Hale, Robert.....	Mansfield.....	15.....	Mansfield
Harris, Lucile Snow.....	Hamilton.....	15.....	Hamilton
Hasselbach, Blanche.....	Fremont.....	15.....	Fremont
Horn, Harold Huston.....	Steele.....	15.....	Dayton
Hornung, Lloyd.....	Connersville.....	15.....	Connersville, Ind.
Hulick, Mary M.....	Williamsburg.....	15.....	Oxford
Hull, Alice Louise.....	Mt. Vernon.....	15.....	Mt. Vernon
Klipple, Annitta.....	Brookville.....	15.....	Brookville, Ind.
Lawrence, Vernie N.....	Eldorado.....	15.....	Eldorado
Lehrer, Alvira Kathryn.....	Glendale.....	15.....	Glendale

Name	High School	Entrance Units	Address
McVey, Ruth .....	Oxford .....	15 .....	Oxford
Men Muir, Helen A. ....	Connersville.....	15 .....	Connersville, Ind.
Murray, Rheba Dell.....	New Madison .....	15 .....	New Madison
Overfield, Lester .....	North Lewisburg .....	15 .....	North Lewisburg
Paxton, Annis E .....	Morning Sun.....	15 .....	Camden
Poling, Mary Alice.....	Van Wert.....	15 .....	Oxford
Pond, Marjorie Moore.....	Somerset .....	15 .....	Somerset
Rapp, Mildred .....	Williamsburg .....	15 .....	Eastwood
Rennebarth, Arnold.....	Covington.....	15 .....	Covington, Ky.
Riley, Rebecca M.....	Norwood .....	15 .....	Norwood
Rothaar, Mildred L.....	Stivers.....	15 .....	Dayton
Schmidt, Esther E.....	Stivers.....	15 .....	Dayton
Shepherd, Goldie A.....	Michigan City.....	15 .....	Michigan City, Ind.
Staeger, Robert W.....	Celina .....	15 .....	Celina
Venn, Jessie .....	Ludlow .....	15 .....	Ludlow, Ky.
Venning, Helen R.....	Hughes .....	15 .....	Cincinnati
Williams, Margaret .....	College Corner.....	15 .....	College Corner
Williams, Orr B .....	Cambridge... ..	15 .....	Pleasant City

TOTAL, 33: Men, 11; Women, 22.



## Two-Year Courses

## Sophomore Class

Ankeney, Winnifred .....	Xenia	Krackenberger, Henry H.....	Greenville
Applegate, Herschel C.....	Ansonia	Laird, Gladys Gwendolyn .....	Amelia
Bainer, Elizabeth.....	Marysville	Lawrence, Madeline.....	Oxford
Bass, Emma Retta.....	Mt. Orab	Laymon, Berneda.....	Mt. Orab
Beal, Luella Adelle.....	Oxford	Lins, Chloe.....	Belle Center
Beaton, Marie C.....	Oxford	Litehiser, Mary.....	Eaton
Black, Helen.....	Lewisburg	Lockwood, Ethel M.....	Greenville
Bowyer, LaVerne.....	Foster	McFall, Louise M.....	Camden
Brotton, Mary Hazel.....	Cincinnati	McFall, Mary Louise.....	Hamilton
Butz, Elise.....	Gallipolis	McKee, Eva.....	Richmond, Ind.
Cadwallader, Marian.....	Wilmington	Manrod, Carl.....	Oxford
Caldwell, Jane.....	Chillicothe	Marsh, Charlotte Maud.....	Portsmouth
Campbell, Helen.....	Kenton	Miller, Helen Louise.....	Garrettsville
Carver, Mary.....	Oxford	Moore, Mattie.....	Edinburg, Ind.
Carver, Thankful.....	Oxford	Moser, Nora Edith.....	Upper Sandusky
Cason, Edna.....	New Richmond	O'Dell, Pearl.....	Norwalk
Cetone, Ethel.....	Oxford	Pierret, Gladys.....	Madeira
Chambers, William.....	Kings Mills	Pierson, Clyde Duval.....	Oxford
Chapman, Fanny L.....	Ashtabula	Pixley, Marie L.....	Portsmouth
Coblentz, Lovena Ruth.....	Gettysburg	Plock, Frances J.....	Tippecanoe City
Curran, William G.....	Kings Mills	Rethlingshafer, Mary.....	Hamilton
Custer, Nellie Ethel.....	Peebles	Rex, Bernice Margaret.....	De Graff
Dalrymple, Nola.....	Eaton	Rich, Alice.....	Hamilton
Diener, Urban Edward.....	Celina	Ridenour, Stella Marie.....	Eaton
Doles, Harold H.....	Greensburg, Ind.	Rife, Florence Jennie.....	St. Marys
Edgar, Chloe.....	Wauseon	Roberson, Harvey C.....	Oxford
Elder, Ruth.....	Pioneer	Robinson, Pauline.....	Marysville
Englert, Otto Lee.....	Kings Mills	Rockhold, Sara R.....	Hillsboro
Fenton, Gladys.....	Arcanum	Schmitt, Louia.....	Hamilton
Fichter, Edith.....	Cincinnati	Sloneker, Ruth.....	Hamilton
Fichter, Mabel.....	Cincinnati	Smelser, Ada Leah.....	Oxford
Geeting, Pearl.....	Oxford	Spining, Susie Wade.....	Springfield
Goodwin, Fern.....	Lima	Stevenson, Scottie.....	Maysville, Ky.
Gregg, Helen.....	Upper Sandusky	Sutkamp, Bernadine.....	Bellevue, Ky.
Groves, Frances A.....	McComb	Tracy, Kathryn.....	Huntsville
Hanlon, Ann Eliza.....	Hillsboro	Trew, Merle.....	Oxford
Hill, Mrs. Inez.....	Bellefontaine	Turnbull, Blanche.....	Cedarville
Holdsworth, Anna May.....	Oxford	Turner, Nelle.....	Marysville
Hover, Mary Ruth.....	Lima	Vance, Edith.....	Highland
Hurley, Mary Lucille.....	Wilmington	Van Wormer, Hazel.....	Toledo
Huston, Hazel Hanna.....	Hamilton	Weidman, Frances.....	Marysville
Keene, Marie A.....	Fountain City, Ind.	Wheatley, Eda.....	Dayton
Kelz, Bertha A.....	Hamilton	Wheatley, Genoa.....	Dayton
Key, Isabel.....	Maysville, Ky.	Woodruff, Francis Russel.....	Oxford
Kindler, Beulah.....	Circleville		
King, Helen.....	Wyoming		

TOTAL, 90: Men, 11; Women, 79.

## Freshman Class

Name	High School	Entrance Units	Address
Adams, Virginia.....	Felicity .....	15.....	Felicity
Albright, Willard G.....	Germantown.....	15.....	Germantown
Angst, Alice .....	Hamilton.....	15.....	Hamilton
Arbogast, Catherine.....	Springfield.....	15.....	Springfield
Armstrong, Henrietta Sarah.....	St. Marys .....	15.....	St. Marys
*Bach, Delia .....	Higginsport.....	10½.....	Batavia
Bailey, Esther .....	Camden.....	15.....	Eaton
Bateman, Dorothy .....	Hamilton.....	15.....	Hamilton
Bauer, LaVeta Marie.....	Miamisburg.....	15.....	Miamisburg
Bedell, Norma.....	Mendon.....	15.....	Mendon
Belleman, Charlotte Lucille.....	Miamisburg.....	15.....	Miamisburg
Berger, Mary.....	Marysville.....	15.....	Marysville
Berkheimer, Cleopatra.....	Greenville.....	15.....	Greenville
Best, Helen May.....	Greenville.....	15.....	Greenville
Blair, Agnes Lucile.....	Middletown.....	15.....	Middletown
Boggs, Florence W.....	Good Hope.....	13.....	Good Hope
Boyer, Frances Louise.....	Bellefontaine.....	15.....	Bellefontaine
Bradley, Margaret.....	Batavia.....	15.....	Batavia
Braunschweiger, Miriam.....	Troy.....	15.....	Troy
Briner, Leta Fern.....	Bellevue.....	15.....	Bellevue
Brown, Helen Irene.....	Bellbrook.....	15.....	Dayton
Burns, Helen Ursula.....	Ursuline Academy.....	15.....	Cincinnati
Butler, Dorothy Agnes.....	Stivers.....	15.....	Dayton
Cadwallader, Edith.....	Lockland.....	15.....	Sharonville
Carrothers, Vera L.....	Monticello.....	15.....	Monticello, Ind.
Carson, Marjory Ray.....	McGuffey.....	15.....	Oxford
Chambers, Ariel F.....	Walnut Hills.....	15.....	Cincinnati
Chapman, Esther M.....	Hamilton.....	15.....	Hamilton
Chenoweth, Mary Esther.....	Wayne.....	15.....	Union City, Ind.
Circle, Emerson.....	German Twp.....	15.....	Springfield
Cochran, Doris Fae.....	Delaware.....	15.....	Delaware
Coddington, Myrtle R.....	Middletown.....	15.....	West Middletown
Coil, Fannie Roberta.....	Rockford.....	15.....	Rockford
Collins, Edna.....	Delphi, Ind.....	15.....	Oxford
Connor, Helene Cecilia.....	Notre Dame Acad.....	15.....	Hamilton
Cooper, Ferne Carol.....	Eaton.....	15.....	Eaton
Corzalt, Helen Frances.....	Beaver.....	15.....	Dayton
Covey, Birdye.....	Boscohil College.....	15.....	Indianapolis, Ind.
Craig, Helen Elizabeth.....	Stivers.....	15.....	Dayton
Culhan, Mary Alice.....	Washington.....	15.....	Washington C. H.
Dare, Mabel U.....	Oxford.....	15.....	Oxford
Dawson, Doris.....	Clarksburg.....	15.....	Clarksburg
Deaton, Fern Lucile.....	Olive Branch.....	15.....	New Carlisle
Deaton, Lois M.....	New Carlisle.....	15.....	New Carlisle
Devers, Iona Myrtle.....	Trotwood.....	15.....	Trotwood
Donnelly, Ruth.....	Walnut Hills.....	15.....	Cincinnati
Doughman, Neva Ethel.....	Goshen.....	15.....	Cozaddale
Douthit, Mildred.....	Connersville.....	15.....	Connersville, Ind.
Doyle, Gertrude Marie.....	Normal College Kirkville, Mo.....	15.....	Washington, D. C.
Duff, Agnes Elizabeth.....	Oak Harbor.....	15.....	Oak Harbor

\*Experienced.

Name	High School	Entrance Units	Address
Duke, Flora.....	Leamington.....	13	Ruthven, Ontario, Canada
Duke, Lorna.....	Leamington.....	13	Ruthven, Ontario, Canada
Dungan, Elizabeth Louise.....	Richwood.....	15	Richwood
Dunn, Ialo.....	Batavia.....	15	Georgetown
Emmel, Grace Elizabeth.....	Chillicothe.....	15	Chillicothe
Ewing, Helen G.....	McComb.....	15	Deweyville
Fach, Marie Louise.....	Wells.....	15	Steubenville
Faries, Mary Elizabeth.....	Middletown.....	15	West Middletown
Farmer, Charles.....	White Water, Ind.....	15	New Paris
Feeney, Alice.....	McGuffey.....	15	Oxford
Fitzgerald, Katherine.....	Greenville.....	15	Greenville
Ford, Iva Lucille.....	Connersville.....	15	Connersville, Ind.
Ford, Jennie Margaret.....	Connersville.....	15	Connersville, Ind.
Ford, Kathryne Louise.....	Mansfield.....	15	Mansfield
Fox, Ruth Gordon.....	Woodstock.....	15	Woodstock
Frye, Agnes Anna.....	New Richmond.....	15	New Richmond
Frye, Cornelia.....	New Richmond.....	15	New Richmond
Garrod, Leila.....	McGuffey.....	15	Oxford
Glick, Magdalene.....	Canal Winchester.....	15	Amanda
Godfrey, Susan.....	McGuffey.....	14	Oxford
Goodall, Irene.....	Greenville.....	15	Versailles
Gross, Ruth Lucile.....	West Unity.....	15	West Unity
Hagen, Brittie Diltz.....	Middletown.....	15	Middletown
Hahne, Helen Ruth.....	Fairmount.....	15	Fairmount, Ind.
Haigler, Candace Marie.....	Jeffersonville.....	15	Jeffersonville
Hamm, Delpha Lodeman.....	Steele.....	15	Dayton
Hardy, Effie Mabel.....	Troy.....	15	Troy
Hartzell, Lenora.....	McGuffey.....	15	Oxford
Hawkins, Elizabeth Ruth.....	Connersville.....	15	Connersville, Ind.
Hellebush, Mary E.....	Notre Dame Acad.....	15	Hamilton
+Hicks, Estelle V.....		11½	Fostoria
Hill, Ethel.....	Madisonville.....	15	Madisonville
Hine, Mary Beatrice.....	Harrison.....	15	Harrison
Hoel, Grace Olive.....	Celina.....	15	Montezuma
Hoffman, Anita Louise.....	Norwood.....	15	Norwood
Howell, Alice Lucille.....	Bellefontaine.....	15	Bellefontaine
Huggins, M. Josephine.....	Leesburg.....	15	Leesburg
Jennings, Charles J.....	Ohio Mech. Ins.....	15	Cincinnati
Jensen, Stella Marie.....	Tippecanoe City.....	15	Tippecanoe City
Johnson, Orlena.....	Hamilton.....	15	Hamilton
Kehrle, Mary E.....	Miamisburg.....	15	Miamisburg
Kellum, Lulu Grace.....	Blanchester.....	15	Lerado
Kenfield, Doris.....	Woodstock.....	15	Woodstock
King, Pearl L.....	Bluffton, Ind.....	15	Ossian, Ind.
Kirk, May Louise.....	Miamisburg.....	15	Miamisburg
Kleinknecht, Genevieve.....	Wayne Twp.....	13	Cherry Fork
Kleinknecht, Pauline.....	Muskogee.....	15	Cherry Fork
Klepinger, Miriam E.....	Fairview.....	15	Dayton
Kline, Harriet Louise.....	Eaton.....	15	Eaton
Klingman, Ruth E.....	Portsmouth.....	15	Portsmouth
Kluber, William K.....	Woodward.....	15	Cincinnati

+ Mature.



Name	High School	Entrance Units	Address
Koch, Ruth Mary.....	Connersville .....	15.....	Connersville, Ind.
Kramer, Jacob .....	Rensselaer, Ind.....	15.....	St. Henry
Laffey, Francis Mary.....	Madisonville.....	15.....	Madeira
Lambert, Marjorie A.....	Miamisburg .....	15.....	Franklin
Landman, Gladys Marie.....	Piqua .....	15.....	Piqua
Long, Myrtell.....	Steele .....	15.....	Dayton
Long, Virgia Lovella.....	Concord Twp.....	15.....	St. Paris
Louis, Leona Gertrude.....	Beaver .....	15.....	Dayton
Luke, Ruth Juanita.....	Lockland .....	15.....	West Chester
McAvoy, Irene E.....	Hughes .....	15.....	Cincinnati
McBeth, Anna Mabel.....	Georgetown.....	15.....	Georgetown
McClenahan, Helen E.....	Lockland .....	15.....	West Chester
McDill, Nelle Esther.....	College Corner.....	15.....	College Corner
†McDonough, Bertha.....	Fair Haven.....	11½.....	Camden
McKibben, Mary Margaret.....	Georgetown.....	15.....	Georgetown
McNeil, Edna.....	Sidney.....	15.....	Sidney
Malsbary, Annabelle.....	Madisonville.....	15.....	Hamilton
Michael, Lois E.....	Bellaire.....	15.....	Bellaire
Miller, Dora B.....	Hicksville.....	15.....	Hicksville
Miller, Grace B.....	Eaton.....	15.....	Eaton
Miller, Marie.....	Mulberry.....	15.....	Mulberry, Ind.
Mitchell, Grace.....	McGuffey.....	15.....	Oxford
Molyneaux, Martha.....	The Western.....	15.....	Oxford
Montague, Bess Mae.....	Lockland .....	15.....	Lockland
Morris, Mildred Marie.....	Bradford.....	15.....	Bradford
Newcomb, Sarah L.....	Celina.....	15.....	Celina
Page, Florence Louise.....	Felicity.....	15.....	Felicity
Palmer, Marjorie L.....	Mansfield.....	15.....	Mansfield
Parks, Anna Genevieve.....	Marion.....	15.....	Marion
Peck, Shirley Marie.....	Ashtabula.....	15.....	Ashtabula
Peck, Susan K.....	Eaton.....	15.....	Eaton, Ind.
Peddicord, Joy.....	Sardinia.....	15.....	Mt. Orab
Pennell, Ruby Marcille.....	Ohio City.....	15.....	Ohio City
Pheanis, Clifford Clem.....	College Corner.....	15.....	College Corner
Pults, Gladys.....	College Corner.....	15.....	College Corner
Purdy, Bernice Lucille.....	Sardinia.....	15.....	Sardinia
Ranz, Elizabeth.....	Pleasant Ridge.....	15.....	Blue Ash
Ray, Helen Ruth.....	New Madison.....	15.....	New Madison
Reese, Olive.....	McGuffey.....	15.....	Oxford
Rhoades, Ruth Mildred.....	Rockford.....	15.....	Rockford
Richmond, Margaret.....	Glendale Col. Acad.....	15.....	Kings Mills
Robinson, Ruth E.....	Higginsport.....	11½.....	Oxford
Robinson, Ruth L.....	Hartwell.....	15.....	Sharonville
Rohrer, Helen C.....	Germantown.....	15.....	Germantown
Ryder, Helen Marie.....	Bradner.....	15.....	Bradner
Scharer, Ruth Elizabeth.....	Waite.....	15.....	West Toledo
Scheidt, Bertha M.....	Van Wert.....	15.....	Van Wert
Schnorrenberg, Kathryn.....	Steubenville.....	15.....	Steubenville
Schwab, Edna.....	Ripley.....	15.....	Ripley
Seibert, Sarah Rebecca.....	Westville.....	15.....	Urbana
Shambaugh, Agnes Leona.....	Chester Twp.....	15.....	New Burlington
Shannafelt, Rose.....	Bellaire.....	15.....	Bellaire
Sheckler, Helen C.....	Kenton.....	15.....	Kenton
Smith, Margaret Lucile.....	Beaver Creek Twp.....	15.....	Xenia

†Mature.



Name	High School	Entrance Units	Address
Smith, Mary Ann.....	Miamisburg .....	15.....	Miamisburg
Smith, Priscilla .....	Marion .....	15.....	Marion
Snyder, Edith Ellen.....	Darrrtown.....	15.....	Collinsville
Sowers, Mary Alice.....	St. Marys .....	15 .....	St. Marys
Sparrow, Elithe Pauline .....	Springfield .....	15 .....	Springfield
Speasmaker, Mary E .....	London .....	15 .....	London
Spring, Dorothy Marie.....	Germantown .....	15 .....	Germantown
Springer, Elsie H.....	Celina .....	15 .....	Celina
Stabner, Harry W .....	Osborn .....	15 .....	Middletown
Starr, Clarabel.....	Bellefontaine.....	15 .....	Bellefontaine
Steinkemper, Amanda .....	Sidney .....	15 .....	Sidney
Steward, Bessie Eiffel.....	Ironton .....	15 .....	Ironton
Stoechr, Florence Henrietta.....	Stivers.....	15 .....	Dayton
Stone, Eleanor Naomi .....	Mansfield .....	15 .....	Mansfield
Stoner, William D.....	St. Marys .....	15 .....	Celina
Sullivan, Mary Agnes.....	Steubenville .....	15 .....	Steubenville
Sullivan, Mary T.....	Notre Dame .....	15 .....	Hamilton
Sullivan, Verna Alivelda.....	Upper Sandusky.....	15 .....	Upper Sandusky
Sutton, Elizabeth M.....	New Carlisle.....	15 .....	New Carlisle
Teal, Luella Jean.....	Batavia .....	15 .....	Milford
Thomas, Elizabeth.....	Alliance, Neb.....	14½ .....	Dayton
Todd, Anna Prudence.....	Oxford .....	15 .....	Oxford
Trumbo, Ethel Lohnes .....	Olive Branch.....	15 .....	Donnelsville
Trumbo, Gail Beatrice .....	Olive Branch.....	15 .....	Donnelsville
Vaughan, Mae .....	Steele .....	15 .....	Dayton
Voigt, Etta Louise .....	Woodward .....	15 .....	Cincinnati
Walker, Luella.....	East Night.....	15 .....	Cincinnati
Waters, Ruth Eloise.....	Georgetown .....	15 .....	Georgetown
Weigle, John C.....	Ft. Recovery .....	15 .....	Ft. Recovery
White, Helen May.....	Troy .....	15 .....	Troy
Williamson, Mary Viola.....	Middletown .....	15 .....	West Middletown
Willmann, Helen Mae.....	Ft. Recovery .....	15 .....	Ft. Recovery
Winkeljohn, W. D .....	St. Henry .....	15 .....	St. Henry
Wisecup, Elsie.....	Oxford .....	15 .....	Oxford
Yates, Leah.....	Bellefontaine.....	15 .....	Bellefontaine
Yorgen, Sara Ann.....	Middletown .....	15 .....	Camden

TOTAL, 190: Men, 11; Women, 179.

## Degrees and Diplomas, Commencement, 1915

## Bachelor of Science in Education

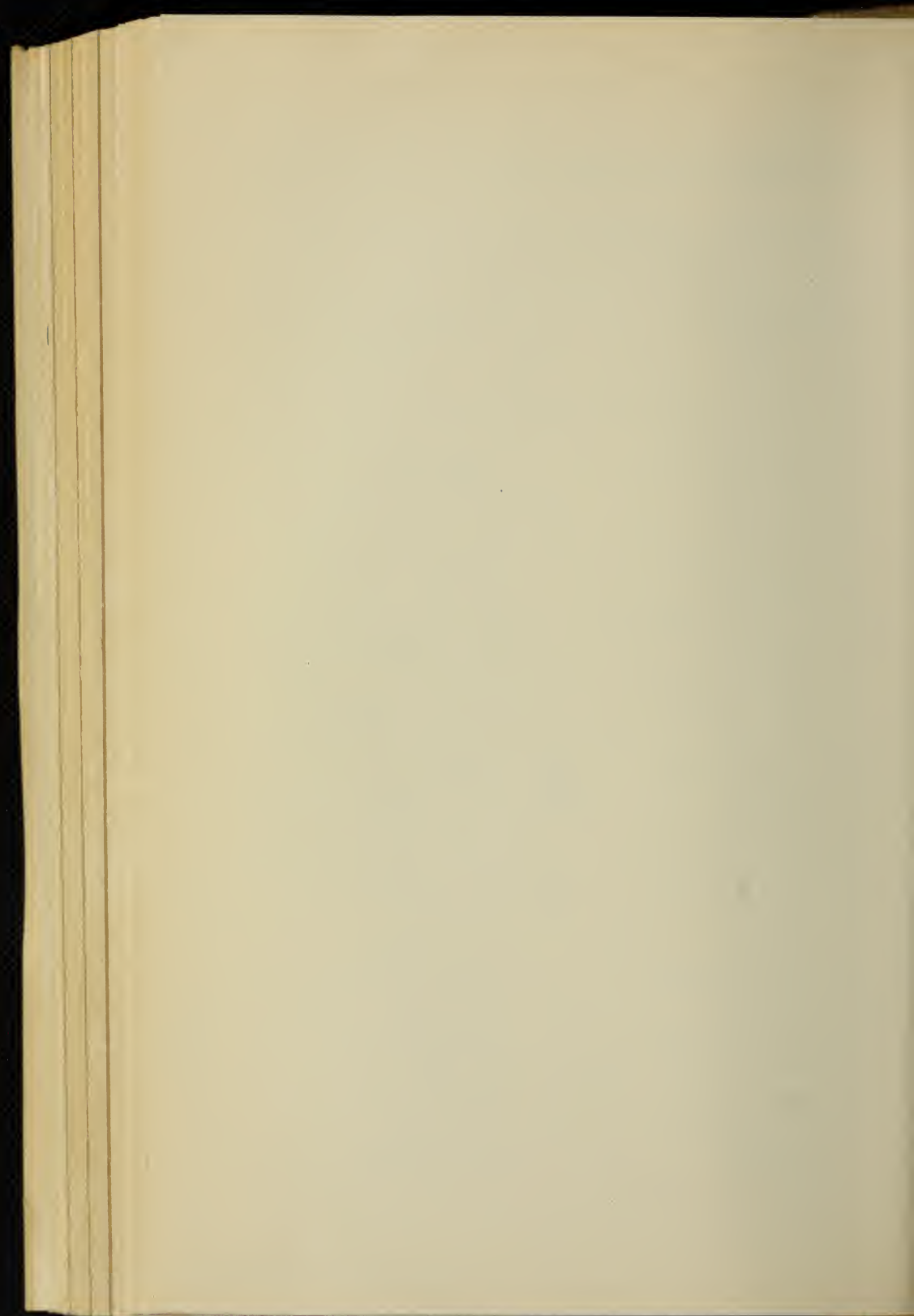
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Roy Geeting

Paul A. Grafton  
Forrest Tobias Selby

## Diplomas—Teachers College

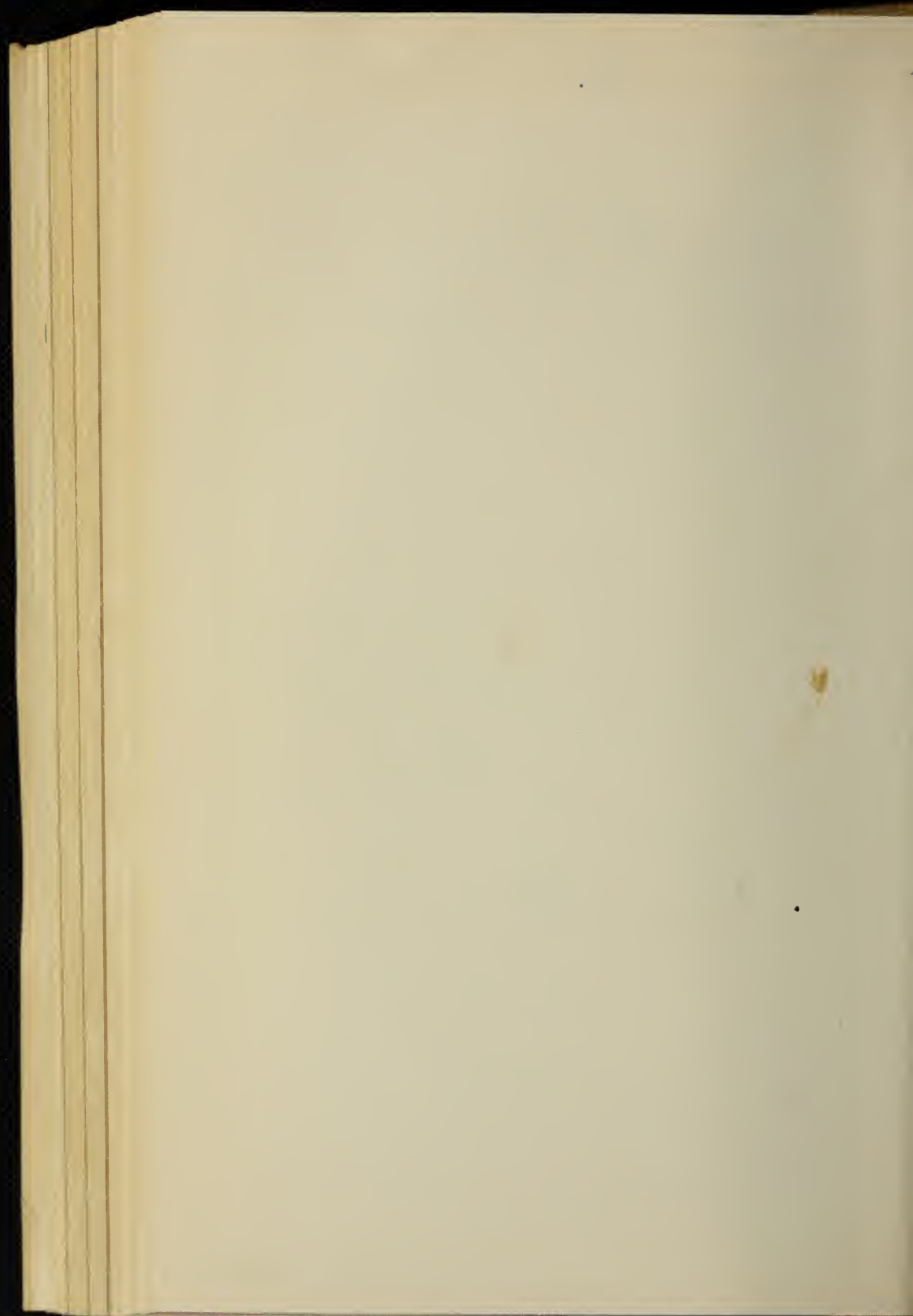
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Lulu Beachler  
Edna Betscher  
Leah D. Black  
Gertrude Blair  
Theresa Clara Block  
Ethelwyn Bobenmeyer  
Helen May Boggess  
Blanche Brandewie  
Marie Ella Brotherton  
Ethel Ashley Brown  
E. Victoria Carson  
Dorothy Clason  
Herbert Milton Cotton  
Mary Elinor Criswell  
Mamie Belle Critzer  
Marie Cropper  
June Doorley  
Bonnie June Douglass  
Bessie Lillian Drayer  
Elise May Eck  
Gladys Eppert  
E. Marie Floto  
Ruth Flora Gabler  
Josephine Alice Ganson  
Helen M. Gaskill  
Grace Giffen  
Paul A. Grafton  
Inez Gregg  
Laura Hadsell  
Bertha Elizabeth Hard  
Christine Hanstein  
Eli Hauenstein  
Mary Maud Heidlebaugh  
Edith Lillian Heizer  
Louise Hetherington  
Marie Hill  
Mary Ethel Hinkle  
Verdie Mae Howard  
Nellie Hummel  
Corda Hunt  
Ruth M. Jolliff

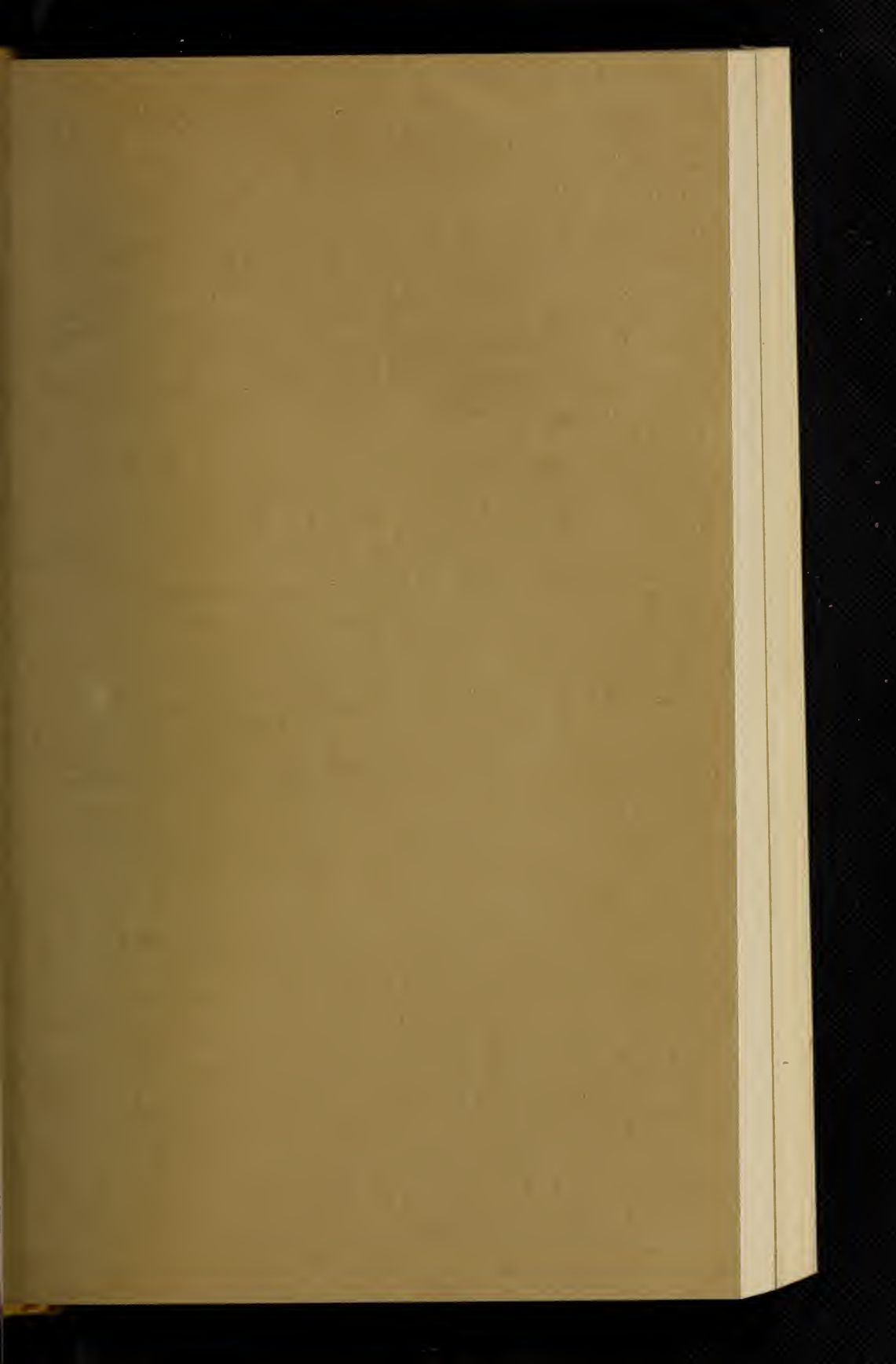
Leta S. Jump  
Helen M. Kibler  
E. Core Linch  
Virginia V. Loudon  
Agnes Lowry  
Zada May McCurdy  
Josephine McIntire  
Mary McVey  
Viola Belle Milbourne  
Lucille Miller  
Minnie Freda Mohme  
Gertrude Morris  
Gladys Moyer  
Lois Moyer  
Maude May Russell  
Della Louise Schneider  
Edna Pearl Schubert  
Marie Seal  
Ruth Varner Seal  
Goldie Shannon  
Loree A. Sheffler  
Estella Agnes Sheley  
Dorothy Smith  
Harriet Ruth Smith  
Edith Cecelia Spining  
Charlotte Stark  
Virginia Stark  
Grace Tillman  
Ethel L. Trimble  
Addie Mary Trump  
Gertrude C. Wallace  
Ethel May Ward  
Opal Warning  
Edward R. Weaver  
Agatha Wespiser  
Mabel West  
Edna Louise Wilson  
Louise Wolf  
Frances Wright  
Arna Leona Yahn  
Myrtle Edna Yost  
Martha Gertrude Ziegler













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1916/17

# MIAMI UNIVERSITY BULLETIN

Series XV, No. 8

April, 1917

## TEACHERS COLLEGE of MIAMI UNIVERSITY

1916-1917

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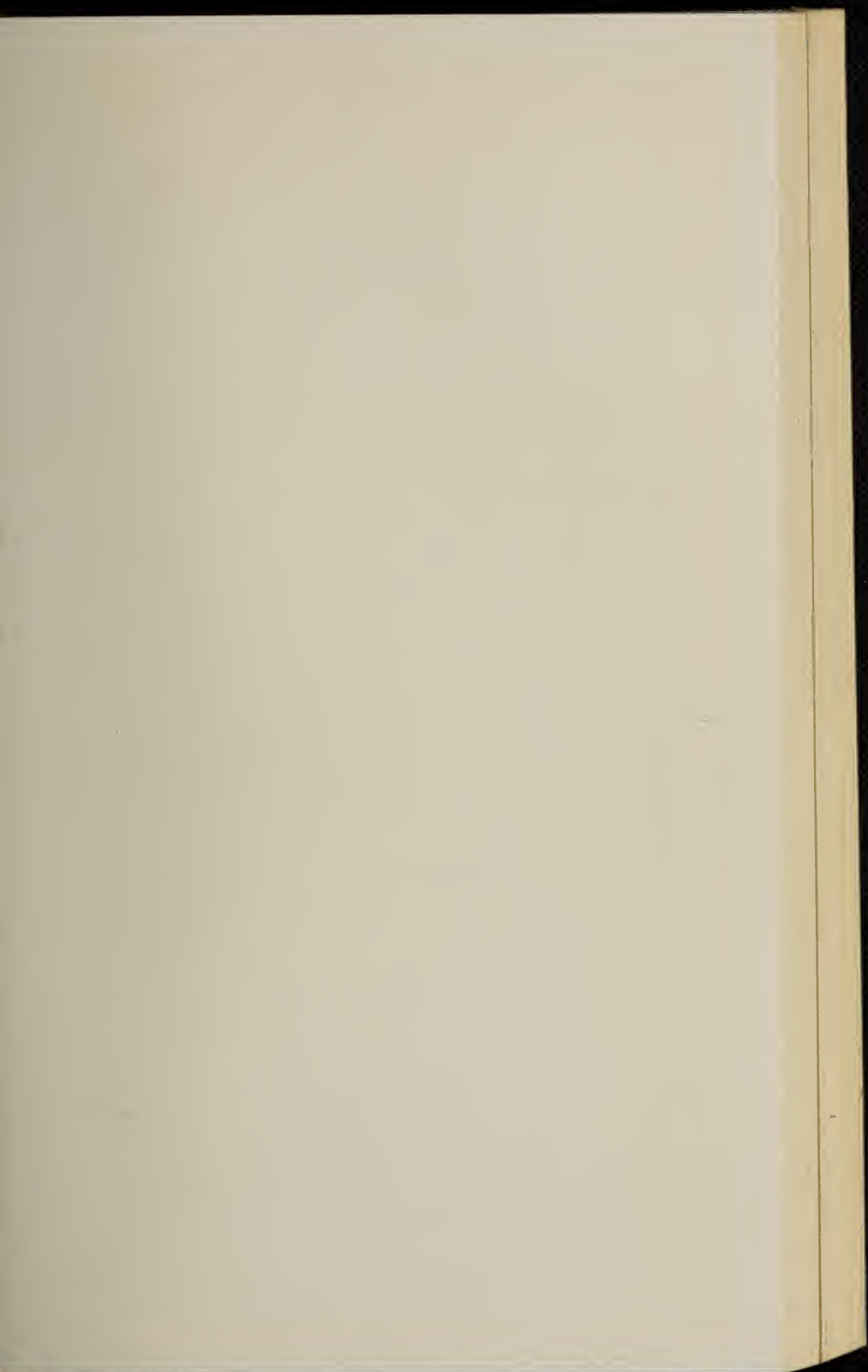
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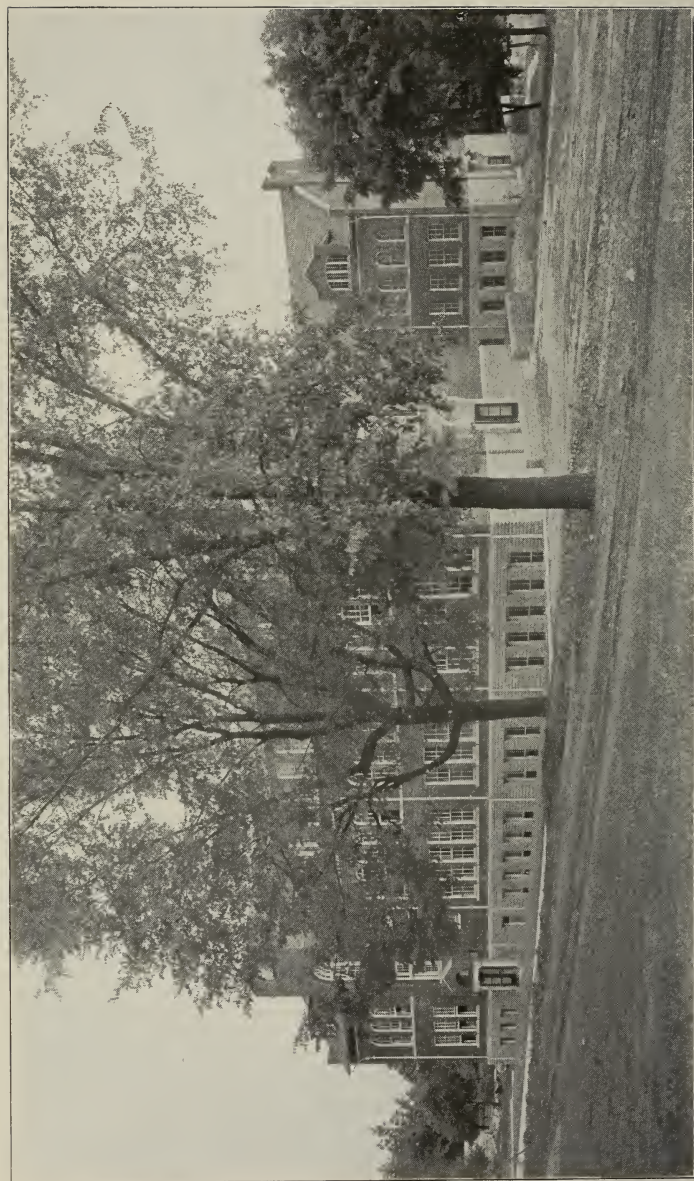
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McGUFFEY HALL

# TEACHERS COLLEGE

*of* MIAMI UNIVERSITY

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1916-1917

Announcements for 1917-1918

OXFORD, OHIO

Published by the University



# CALENDAR 1917

JANUARY							JULY						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
	1	2	3	4	5	6	1	2	3	4	5	6	7
7	8	9	10	11	12	13	8	9	10	11	12	13	14
14	15	16	17	18	19	20	15	16	17	18	19	20	21
21	22	23	24	25	26	27	22	23	24	25	26	27	28
28	29	30	31				29	30	31				

FEBRUARY							AUGUST						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
4	5	6	7	8	9	10	5	6	7	8	9	10	11
11	12	13	14	15	16	17	12	13	14	15	16	17	18
18	19	20	21	22	23	24	19	20	21	22	23	24	25
25	26	27	28				26	27	28	29	30	31	

MARCH							SEPTEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
4	5	6	7	8	9	10	2	3	4	5	6	7	8
11	12	13	14	15	16	17	9	10	11	12	13	14	15
18	19	20	21	22	23	24	16	17	18	19	20	21	22
25	26	27	28	29	30	31	23	24	25	26	27	28	29

APRIL							OCTOBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
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8	9	10	11	12	13	14	14	15	16	17	18	19	20
15	16	17	18	19	20	21	21	22	23	24	25	26	27
22	23	24	25	26	27	28	28	29	30	31			

MAY							NOVEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
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13	14	15	16	17	18	19	11	12	13	14	15	16	17
20	21	22	23	24	25	26	18	19	20	21	22	23	24
27	28	29	30	31			25	26	27	28	29	30	

JUNE							DECEMBER						
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17	18	19	20	21	22	23	16	17	18	19	20	21	22
24	25	26	27	28	29	30	23	24	25	26	27	28	29

# CALENDAR 1918

JANUARY							JULY						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
6	7	8	9	10	11	12	6	7	8	9	10	11	12
13	14	15	16	17	18	19	13	14	15	16	17	18	19
20	21	22	23	24	25	26	20	21	22	23	24	25	26
27	28	29	30	31			27	28	29	30	31		

FEBRUARY							AUGUST						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
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17	18	19	20	21	22	23	17	18	19	20	21	22	23
24	25	26	27	28			24	25	26	27	28		

MARCH							SEPTEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
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24	25	26	27	28	29	30	24	25	26	27	28	29	30

APRIL							OCTOBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
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22	23	24	25	26	27	28	22	23	24	25	26	27	28

MAY							NOVEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
3	4	5	6	7	8	9	3	4	5	6	7	8	9
10	11	12	13	14	15	16	10	11	12	13	14	15	16
17	18	19	20	21	22	23	17	18	19	20	21	22	23
24	25	26	27	28	29	30	24	25	26	27	28	29	30

JUNE							DECEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
1	2	3	4	5	6	7	1	2	3	4	5	6	7
8	9	10	11	12	13	14	8	9	10	11	12	13	14
15	16	17	18	19	20	21	15	16	17	18	19	20	21
22	23	24	25	26	27	28	22	23	24	25	26	27	28

# CALENDAR 1919

JANUARY							JULY						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
5	6	7	8	9	10	11	5	6	7	8	9	10	11
12	13	14	15	16	17	18	12	13	14	15	16	17	18
19	20	21	22	23	24	25	19	20	21	22	23	24	25
26	27	28	29	30	31		26	27	28	29	30	31	

FEBRUARY							AUGUST						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
2	3	4	5	6	7	8	2	3	4	5	6	7	8
9	10	11	12	13	14	15	9	10	11	12	13	14	15
16	17	18	19	20	21	22	16	17	18	19	20	21	22
23	24	25	26	27	28		23	24	25	26	27	28	

MARCH							SEPTEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
2	3	4	5	6	7	8	2	3	4	5	6	7	8
9	10	11	12	13	14	15	9	10	11	12	13	14	15
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23	24	25	26	27	28	29	23	24	25	26	27	28	29

APRIL							OCTOBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
1	2	3	4	5	6	7	1	2	3	4	5	6	7
8	9	10	11	12	13	14	8	9	10	11	12	13	14
15	16	17	18	19	20	21	15	16	17	18	19	20	21
22	23	24	25	26	27	28	22	23	24	25	26	27	28

MAY							NOVEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
4	5	6	7	8	9	10	4	5	6	7	8	9	10
11	12	13	14	15	16	17	11	12	13	14	15	16	17
18	19	20	21	22	23	24	18	19	20	21	22	23	24
25	26	27	28	29	30	31	25	26	27	28	29	30	31

JUNE			
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## University Calendar

1916-1917

1916

- Sept. 12 Tues. Entrance examinations and registration.  
Sept. 13 Wed. Class work begins, 7:30 a. m.  
Sept. 13 Wed. Formal opening of the academic year 1916-17, 10:30 a.m.  
Sept. 17 Sun. First University Service.  
Oct. 15 Sun. Second University Service.  
Nov. 19 Sun. Third University Service.  
Nov. 30 Thur. Thanksgiving Day, a holiday.  
Dec. 17 Sun. Fourth University Service.  
Dec. 21 Thur. Christmas recess from 12:00 m. to Jan. 3, 7:30 a.m.

1917

- Jan. 3 Wed. Class work resumed, 7:30 a. m.  
Jan. 21 Sun. Fifth University Service.  
Jan. 25 Thur. Semester examinations begin, 8:00 a. m.  
Feb. 1 Thur. First semester ends, 4:00 p. m.  
Feb. 2 Fri. Junior Promenade.  
Feb. 3 Sat. Second semester begins; registration.  
Feb. 5 Mon. Class work begins, 7:30 a. m.  
Feb. 18 Sun. Sixth University Service.  
Feb. 22 Thur. Washington's Birthday, a holiday.  
Mar. 18 Sun. Seventh University Service.  
April 5 Thur. Spring recess from noon to April 12, 7:30 a. m.  
May 20 Sun. Eighth University Service.  
May 26 Sat. Final examinations begin, 8:00 a. m.  
May 30 Wed. Memorial Day, a holiday.  
June 3 Sun. Baccalaureate service, 2:30 p. m.  
June 7 Thur. Seventy-seventh Annual Commencement.  
June 11 Mon. First session of summer term begins.  
July 20 Fri. First session of summer term ends.  
July 21 Sat. Second session of summer term begins.  
Aug. 31 Fri. Second session of summer term ends.

## 1917-1918

Sept.	11	Tues.	Entrance examinations and registration.
Sept.	12	Wed.	Class work begins, 7:30 a. m.
Sept.	12	Wed.	Formal opening of the academic year, 1917-18, 10:30 a. m.
Sept.	16	Sun.	First University Service.
Oct.	21	Sun.	Second University Service.
Nov.	18	Sun.	Third University Service.
Nov.	29	Thur.	Thanksgiving Day, a holiday.
Dec.	16	Sun.	Fourth University Service.
Dec.	20	Thur.	Christmas recess from 11:30 a. m. to Jan. 3, 1918, 7:30 a. m.

## 1918

Jan.	3	Thur.	Class work resumed, 7:30 a. m.
Jan.	20	Sun.	Fifth University Service.
Jan.	17	Thur.	Semester examinations begin, 8:00 a. m.
Jan.	24	Thur.	First semester ends, 4:00 p. m.
Jan.	25	Fri.	Junior Promenade.
Jan.	26	Sat.	Second semester begins; registration.
Jan.	28	Mon.	Class work begins, 7:30 a. m.
Feb.	17	Sun.	Sixth University Service.
Feb.	22	Fri.	Washington's Birthday, a holiday.
Mar.	17	Sun.	Seventh University Service.
Mar.	28	Thur.	Spring recess from 11:30 a. m. to April 4, 7:30 a. m.
April	4	Thur.	Class work resumed, 7:30 a. m.
April	21	Sun.	Eighth University Service.
May	19	Sun.	Ninth University Service.
May	30	Thur.	Memorial Day, a holiday.
June	2	Sun.	Baccalaureate Service, 2:30 p. m.
June	6	Thur.	Seventy-eighth Annual Commencement.
June	10	Mon.	Fifth session of summer term begins.
July	19	Fri.	First session of summer term ends.
July	20	Sat.	Second session of summer term begins.
Aug.	30	Fri.	Second session of summer term ends.



## Officers of Instruction and Government

RAYMOND MOLLYNEAUX HUGHES, M. S. . . . . Lewis Place  
*President.*

A. B., Miami University, 1893; M. S., Ohio State University, 1897. Professor of Chemistry, Miami University, 1898-1913. Acting President, 1911-1913. President since 1913.

HARVEY C. MINNICH, A. M., Ped. D., LL. D. 209 South Campus Avenue  
*Dean of the Teachers College and Professor of School Administration.*

A. B., Ohio Northern University, 1897. Present position since 1903.

\*ELIZABETH HAMILTON, A. B. . . . . Bishop Hall  
*Dean of Women and Assistant Professor of English.*

A. B., Oxford College, 1895. Present position since 1905.

SARA NORRIS, A. B. . . . . Bishop Hall  
*Acting Dean of Women and Instructor in Music.*

A. B., Oxford College, 1896. At Miami University 1907-1908 and since 1910. Present position since 1916.

THOMAS LYTLE FEENEY, A. M. . . . . 115 West Walnut Street  
*Professor of Special Method.*

Present position since 1902.

GEORGE WILSON HOKE, Ph. M. . . . . The Tallawanda  
*Professor of Geography.*

A. B., Butler College, 1895; Ph. B., University of Chicago, 1898; Ph. M., 1901. Present position since 1902.

FRED CAMPBELL WHITCOMB, B. S. . . . . 310 East Church Street  
*Professor of Industrial Education.*

B. S., Franklin College, 1900; Diploma in Manual Training, Teachers' College, Columbia University, 1904. Present position since 1906.

†BENJAMIN MARSHALL DAVIS, Ph. D. . . . . The Tallawanda  
*Professor of Agricultural Education.*

B. S., Butler College, 1890; M. S., 1892; Ph. D., University of California, 1906. Present position since 1907.

\*Absent 1916-17 on sabbatical leave.

†Absent second semester 1916-17 on sabbatical leave.



- ARTHUR LOREN GATES, A. M. .... 121 Bishop Street  
*Professor of Public Speaking.*  
A. B., Northwestern University, 1903; A. M., Columbia University, 1910. At Miami University since 1905. Present position since 1908.
- JOHN WALTER HECKERT, Ph. D. .... 402 East Church Street  
*Professor of Education and Director of the William McGuffey Schools.*  
Ph. B., Hamline University, 1900; A. M., Columbia University, 1905; Ph. D., 1917. Present position since 1909.
- CLARENCE EDWIN CARTER, Ph. D. .... 218 North Campus Avenue  
*Professor of History.*  
A. B., Illinois College, 1905; A. M., University of Wisconsin, 1906; Ph. D., University of Illinois, 1908. Present position since 1910.
- GEORGE EZRA CARROTHERS, A. M. .... The Tallawanda  
*Professor of Education and Extension Lecturer.*  
A. B., Indiana University, 1909; A. M., Columbia University, 1915. Present position since 1915.
- FRANCES GIBSON RICHARD, A. M. .... The Tallawanda  
*Associate Professor of English.*  
A. B., National Normal University, 1891; A. M., 1893. At Miami University since 1902. Present position since 1907.
- WILLIAM H. WILEY, A. M. .... The Tallawanda  
*Associate Professor of Education and State High School Inspector.*  
Graduate State Normal School, Geneseo, N. Y., 1907; B. S., Columbia University, 1909; A. M., 1912; Ped. M., 1914. At Miami University since 1914. Present position since 1916.
- AUBREY WILLIS MARTIN. .... 114 South Beech Street  
*Director of Music.*  
Graduate of the Music Department of Broadus Institute, Wesleyan College, W. Va. Present position since 1914.
- WALTER S. GUILER, A. M. .... 309 South Main Street  
*Associate Professor of Education.*  
A. B., Miami University, 1909. A. M., Columbia University, 1912. Present position since 1916.

- MARY EDNA FLEGAL, B. S.....126 East Church Street  
*Assistant Professor of Drawing and Design.*  
Graduate State Normal School, Indiana, Pa., 1899; B. S.,  
Teachers College, Columbia University, 1914. Present  
position since 1914.
- MARTHA JANE HANNA, A. M.....The Tallawanda  
*Assistant Professor of Home Economics.*  
A. B., Monmouth College, 1901; A. M., Teachers Col-  
lege, Columbia University, 1915. Present position since  
1915.
- GLENN BARTLETT, A. M.....400 East High Street  
*Assistant Professor of Education and Extension Lecturer.*  
B. S., Columbia University, 1911; A. M., 1912. Present  
position since 1915.
- FOREST TOBIAS SELBY, B. S.....115 South Main Street  
*Assistant Professor of Industrial Arts.*  
Diploma in Manual Arts, Teachers College, Miami  
University, 1912; B. S., 1915.
- ADELIA WELLS CONE, A. B.....120 South Main Street  
*Assistant Professor of English.*  
A. B., Miami University, 1907. Present position since  
1916.
- BLANCHE McDILL, A. M.....314 North College Avenue  
*Instructor in Education.*  
B. S., Oxford College, 1899; Graduate Teachers College,  
Miami University, 1910; A. M., Teachers College, Co-  
lumbia University, 1913. At Miami University since  
1910. Present position since 1915.
- JOSEPH WADDELL CLOKEY, A. B.....115 South Beech Street  
*Instructor in Music and Organist.*  
A. B., Miami University, 1912; Diploma, Cincinnati Con-  
servatory of Music, 1915. Present position since 1915.
- ADA MEADOWS, A. M.....The Tallawanda  
*Instructor in Home Economics.*  
A. B., University of Wisconsin, 1912; A. M., Columbia  
University, 1915. Present position since 1915.
- MABEL BEATRICE SWEET.....217 East Church Street  
*Instructor in Music.*  
Graduate of Crane Institute, New York, 1908. Present  
position since 1915.

- CELIA GRACE CARROLL.....104 North University Avenue  
*Instructor in Physical Education.*  
 Physical Training Certificate, Wellesley College, 1913.  
 Present position since 1916.
- MABEL WEST .....Bishop Hall  
*Assistant in Home Economics.*  
 Graduate of Teachers College, Miami University, 1915.
- EDITH PALMER.....13 North Poplar Street  
*Instructor in Art.*  
 Graduate of Teachers College, Miami University, 1912.  
 Present position since 1916.

### Assistants

- VICTORIA CARSON.....112 East Walnut Street  
*Assistant in Agricultural Education.*  
 Graduate of Teachers College, Miami University, 1915.
- GERTRUDE WALLACE.....216 West High Street  
*Assistant in Drawing and Design.*  
 Graduate of Teachers College, Miami University, 1915.
- O. C. MARTIN .....32 East Walnut Street  
*Assistant in Industrial Arts.*
- CLYDE PIERSON.....309 North Poplar Street  
*Assistant in Industrial Arts.*  
 Graduate of Teachers College, Miami University, 1916
- RICHARD GUBSCH.....121 South Main Street  
*Assistant in Industrial Arts.*
- WILLIAM KLUBER.....111 North University Avenue  
*Assistant in Industrial Arts.*

### Library Staff

- SAMUEL JACOB BRANDENBURG, Ph. M. ....206 Wood Street  
*Librarian.*  
 A. B., Miami University, 1904; Ph. M., University of Chicago, 1909; University of Illinois Library School 1909. Present position since 1909.
- WILLIAM JASPER MCSURELY, D. D.....100 South Campus Avenue  
*Librarian Emeritus.*  
 A. B., Miami University, 1856; A. M., 1859. Librarian, Miami University, 1899-1909. Librarian Emeritus since 1909.

- \*MARIE ALICE HAMMOND, A. B. .... 322 East High Street  
*Assistant Librarian.*  
 A. B., Northwestern University, 1906; University of  
 Illinois Library School, 1910. Present position since 1910.
- EFFIE GALE ABRAHAM, A. B. .... 22 East Walnut Street  
*Assistant Librarian.*  
 A. B., Miami University, 1913. Student, University of  
 Illinois Library School, 1914-15. Present position 1913-  
 1914, and since 1915.
- BESS JEAN STEWART, A. B. .... 13 North Poplar Street  
*Assistant Librarian.*  
 A. B., Indiana University, 1911; Student, University of  
 Illinois Library School 1915-16. Present position since  
 1916.
- JULIA ROGERS, A. B. .... 230 East Church Street  
*Assistant Librarian.*  
 A. B., Miami University, 1916. Present position since  
 1916.

### Student Assistants in Library

FRED BENDER	HELEN LICHTI	DONALD SCHWEGEL
EARL HECK		CLARABEL STARR

### Teachers in the William McGuffey Schools

- CHARLES S. BUNGER, A. B. .... 305 South Main Street  
*Principal of the William McGuffey Schools.*  
 A. B., Miami University, 1909.
- FRANCES G. RAGLAND, A. M. .... Hepburn Hall  
*Instructor in High School, William McGuffey Schools, and*  
*Assistant to the Dean of Women.*  
 Graduate, Teachers College, Miami University, 1906; A.  
 B., Miami University, 1908; A. M., Teachers College,  
 Columbia University, 1914.

\*Absent on leave, 1916-17.



- MARJORIE H. VANCE, A. B. .... 123 West Walnut Street  
*Instructor in High School, William McGuffey Schools.*  
 A. B., Ohio Wesleyan University, 1911.
- CLYDE ESTLE SHUMAKER, A. B. .... 19 East Walnut Street  
*Instructor in High School, William McGuffey Schools.*  
 A. B., Miami University, 1915.
- MARY COWPER PITTMAN, A. M. .... 202 East Church Street  
*Instructor in High School, William McGuffey Schools.*  
 A. B., University of Alabama, 1905; A. M., 1906.
- BLANCHE McDILL, A. M. .... 314 North College Avenue  
*Critic Teacher.*  
 B. S., Oxford College, 1899; Graduate, Teachers College, Miami University, 1910; A. M., Teachers College, Columbia University, 1913.
- ANNA BEISWENGER, Ph. B. .... South Cottage  
*Critic Teacher.*  
 Ph. B., School of Education, University of Chicago, 1913.
- MARY DORRELL FINCH, A. B. .... 117 East Walnut Street  
*Critic Teacher.*  
 Graduate, Teachers College, Miami University, 1906; A. B., Miami University, 1907.
- HELEN J. WOODLEY .... 422 East Church Street  
*Critic Teacher.*  
 Graduate, DeKalb State Normal School, DeKalb, Ill.;  
 Student, Columbia University, 1911-1912.
- ALICE HUGHES .... New Cottage  
*Critic Teacher.*  
 Graduate, Teachers College, Miami University, 1912.
- HELEN THORPE BROUSE .... 123 West Walnut Street  
*Kindergarten Teacher.*  
 Kindergarten and primary diploma, Indianapolis Teachers College.

### Student Assistants

- FRANKLIN FLOYD .... *School Administration*
- WINNIFRED ANKENY .... *Geography*

## Additional Officers of the University

- \*GEORGE SPENCER BISHOP, A. M.....122 South Campus Avenue  
*Secretary of the Board of Trustees and Business Director.*
- JULIA ROGERS BISHOP.....400 East High Street  
*Registrar.*
- C. A. SHERA, JR., A. B.....129 West Walnut Street  
*Treasurer.*
- WALLACE PATTISON ROUDEBUSH, A. B.....201 North Campus Avenue  
*Secretary to the President and Financial Secretary.*
- ANNA M. CONWAY .....209 North Campus Avenue  
*Secretary to the Dean of Teachers College.*
- MAYE MORRIS, B. L.....122 North College Avenue  
*Assistant to the Business Director and Acting Secretary of the  
 Board of Trustees.*
- MARIE MARSHALL.....302 South Main Street  
*Executive Clerk.*
- HARLAN SCHWAB, A. B.....110 South Campus Avenue  
*Assistant Executive Secretary and First Assistant Registrar.*
- MARY SCHLENCK, A. B.....22 East Walnut Street  
*Cashier.*
- CHLOE EDGAR .....230 East Church Street  
*Auditor of Student Activities.*
- CLARA M. FEENEY, A. M.....115 West Walnut Street  
*Director of Institution Economics.*
- ZADA McCURDY.....Bishop Hall  
*Manager of Bishop Hall.*
- NORA MOSER.....Hepburn Hall  
*Manager of Hepburn Hall.*
- MARTHA MOLYNEAUX .....21 East Walnut Street  
*Manager of Commons.*
- MARGARET FOX.....Bishop Hall  
*Resident Nurse.*

\*Died November 7, 1916.

JOHN DEVINE.....19 South Poplar Street  
*Chief Engineer and Superintendent of Buildings and Grounds.*

CLARENCE BUNNELL.....309 West Vine Street  
*Storekeeper.*

### Student Counsellors

FRESHMEN—Feeney, Hoke, Martin, Whitcomb.

SOPHOMORES—Heckert, Ragland, Whitcomb.

### Standing Committees of the Faculty

COURSE OF STUDY AND STANDING OF STUDENTS—Heckert, Feeney,  
Carter, Hoke, Whitcomb, Davis.

SOCIETIES AND STUDENT ORGANIZATION—Cone, Sweet, Carroll, Meadows, Flegal.

EXTENSION WORK, TEACHERS' ASSOCIATIONS, AND PUBLICATIONS—  
Carrothers, Bartlett, Davis.

FACULTY DISCUSSIONS—Guiler, Carter, Bunger.

# Teachers College of Miami University

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## General Statement

THE TEACHERS COLLEGE includes the work heretofore given in the Ohio State Normal College of Miami University, and the professional work of all Bachelor of Science Courses.

The Teachers College fully complies with the legislative act creating Normal Schools in the state of Ohio, "*to provide proper theoretical and practical training for all students desiring to prepare themselves for the work of teaching.*"

The influence of the new attitude toward the training of teachers has spread to all institutions where "students desiring to prepare themselves for the work of teaching" are found, and the same organization of work and facilities is required in the preparation of all types of teachers for public school work, elementary, secondary, and special.

## Location

MIAMI UNIVERSITY is located at Oxford, Ohio, on the Cincinnati, Indianapolis and Western Railroad, fourteen miles from Hamilton and forty miles from Cincinnati.

In beauty and healthfulness of surroundings the location is unsurpassed. The ground is high and rolling, with an elevation of 1000 feet above sea level; and the atmosphere is unusually clear and pure. The campus of the University, comprising about one hundred acres, is justly famed for its beauty.

Oxford is a quiet college town with a population of about 2100. It has an excellent graded school system, with an accredited high school as part of the system. The following religious denominations have churches, in which regular services are held: Methodist, Presbyterian, United Presbyterian,



Catholic, and Episcopal. The town is supplied with thoroly modern electric light plant, water works, and sewer system. During the past ten years, no licenses have been issued for the sale of alcoholic beverages; and the absence of saloons and low resorts makes the environment especially wholesome for college students.

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## Grounds, Buildings, and Equipment

THE University is picturesquely situated on a high portion of ground in the eastern part of the village. The campus proper, on which all of the University buildings are placed, comprises about sixty-five acres, the lower portion of which is thickly wooded. North of the lower campus are the athletic grounds, the fraternity row, and the agricultural experiment plot—in all, about forty acres more.

### Buildings

THE MAIN BUILDING is the oldest building on the campus. Part of it was erected in 1824, but it has been recently fitted up with all modern improvements. It is 250 feet long and three stories high. It contains lecture and recitation room for various departments of the College of Liberal Arts. It contains also a number of private offices for members of the faculty. The University Commons, the boarding hall for men, is on the second floor of the west wing of this building.

DORMITORIES FOR MEN. There are two dormitories for men: North Dormitory, erected in 1825, and South Dormitory, erected in 1836. Two years ago, both buildings were completely remodeled and refinished. They are lighted by electricity, heated with steam, and provided with bath rooms—one for every eight students. The two dormitories are divided into five halls, each containing accommodations for twenty-four men, and each provided with a separate entry. The halls are

named after former professors in the University. In the North Dormitory are the Elliott and Johnson Halls; in the South Dormitory are the McFarland, Swing, and Stoddard Halls. The men of the freshman class room in these dormitories.

HERRON GYMNASIUM was built in 1897, and largely remodeled in 1914. It is amply provided with lockers, showers, and dressing rooms for both men and women. The entire second floor is for indoor athletics and physical education, for which it has been especially adapted and equipped.

THE ADMINISTRATION BUILDING was erected in 1907. The southern half contains the Auditorium, which has a seating capacity of 1250. The stage is supplied with suitable scenery and with a pipe organ. On one side of the large entrance lobby on the first floor is the Christian Association Chapel; on the other side are the Registrar's office, a ticket office, and committee rooms and offices for the various student activities. The second floor has a large central lobby, surrounding which are the administrative offices.

DORMITORIES FOR WOMEN. Two dormitories for women students of the University have been erected: Hepburn Hall, in 1905, and Bishop Hall in 1912. Both buildings are completely modern in all their appointments. Hepburn Hall has rooms for ninety-six women and boarding facilities for one hundred and thirty. It was named in honor of Andrew Dousa Hepburn, now Professor emeritus of English, who served the University with distinction for thirty years. Bishop Hall has accommodations for one hundred and four. It was named in honor of Robert Hamilton Bishop, the first President of the University. One-half of the rooms in the two halls are allotted to the young women of the College of Liberal Arts and the other half to the young women of Teachers College. Students are given rooms in the order of application.

Besides these halls, additional quarters for women have been provided in several cottages established under University patronage. The accommodations and cost are the same as for

residence in the halls. These cottages are near the campus and their occupants come to the University dining rooms for meals.

THE CENTRAL HEATING AND LIGHTING PLANT, at some distance removed from the other University buildings, was completed in 1907. Its capacity was increased in 1909 and again in 1915 to meet the demands created by the erection of new buildings. All University buildings are adequately supplied with light and heat from this plant.

THE ALUMNI LIBRARY, the gift of Mr. Andrew Carnegie in coöperation with alumni, former students, and friends of the University, was completed in 1909. Its construction is fireproof thruout. It is centrally located on the campus, just south of the Main Building. The reading rooms, stack and seminar rooms are conveniently arranged. The library has an ultimate capacity of 90,000 volumes.

BRICE SCIENCE HALL was erected in 1892, largely through the generosity of the late United States Senator, Calvin Stewart Brice, LL. D., of the class of 1863. This building is two stories in height, with basement thruout, and is well adapted for use in scientific study. In 1905 it was enlarged, and has now three times its original capacity. All of the science department except chemistry and elementary agriculture are located in this building.

THE CHEMISTRY BUILDING, erected in 1914, provides a large lecture room and three large laboratories, in addition to a number of smaller rooms for the chemistry department. The building is well equipped in every way for the work of the department.

THE SOUTH PAVILION OF THE TEACHERS COLLEGE BUILDING, OR MCGUFFEY HALL, was erected in 1909, and is especially designed for professional work and training. It illustrates the best modern school-house construction, arrangement, heating, and ventilation. Its equipment is entirely modern. The work of the department of agriculture and of



the William McGuffey practice schools is carried on in this building.

THE NORTH PAVILION OF THE TEACHERS COLLEGE BUILDING was erected in 1915. It is a fireproof building of modern design providing class rooms and laboratories fully equipped for the instruction in the Teachers College.

THE CENTRAL PAVILION, which connects the North and South Pavilions, was completed in February, 1917. This adds 13,400 square feet of floor space to the building. The basement contains additional room for the department of agriculture, store rooms, the office of the Y. W. C. A. Secretary, and two music practice rooms. On the first floor is the McGuffey Auditorium seating 350 people and equipped with a motion picture machine. On the second floor is a small balcony for the Auditorium and the office of the art department. The third floor is occupied by the department of music. There are three practice rooms, a large class room, and the department office. The Central Pavilion completes McGuffey Hall.

## Athletic Grounds

THE MIAMI ATHLETIC FIELD is only a short distance from the Gymnasium; it is really a part of the campus. It comprises a football field, a baseball diamond, a quarter-mile running track, and pits for pole vaulting and jumping. Men of the University find it a convenient place for athletic contests.

A carefully worked-out plan for the enlargement and equipment of this field is now being put in operation. In addition to the provision for various intercollegiate contests, there will be a number of new fields for football, baseball, and other intra-mural sports.

THE TENNIS COURTS, eleven in number, are all on the campus. The woman students of the University have exclusive use of five of these courts.



An athletic field of four acres for the women has recently been purchased and is being developed as rapidly as possible. It is located within a square of the women's halls of residence.

## Laboratories and Apparatus

**AGRICULTURE AND NATURE-STUDY.** The department of agriculture and nature-study is equipped with particular reference to training teachers to give instruction in these subjects in elementary and secondary schools. In addition to three well-appointed laboratories, a green house, and a large school-garden, there are several plots for experimental work in plant-breeding, in fertilization, and in practical forestry—about forty acres in all.

The department maintains also a quail run for experimentation in the problem of preventing the extermination of quail.

**GEOGRAPHY.** The laboratory of the department of geography is on the second floor of the North Pavilion of the Teachers College Building. It will accommodate twenty-four students. The lecture room will accommodate one hundred. The department has a commodious office and a dark room, both opening into the laboratory. The equipment consists of a large collection of maps, reliefs, photographs, pictures, and lantern slides.

**HOME ECONOMICS.** The laboratory of the department of home economics occupies the entire third floor of the North Pavilion of the Teachers College Building. The equipment represents what the teachers of home economics in the public schools may reasonably expect to have to work with. In cookery, each student's working outfit consists of a table, a two-burner electric stove, and a locker containing all necessary utensils. The laboratory is provided with kitchen ranges, refrigerator, store-room, and usual dining-room furniture. The sewing room is furnished with convenient and attractive tables, with lockers, and with the best make of sewing machines.

INDUSTRIAL ARTS AND DRAWING. The industrial arts rooms are on the first floor and in the basement of the east wing of the Main Building.

The wood-working shop is provided with modern benches for thirty-six students, each with its tool cabinet and drawer for students' work. All the general tools needed are included in this equipment. A gasoline engine furnishes power for the following wood-working machines: turning lathes, combination rip and cross-cut saws, joiner, mortise and tenon machines and planer. For the metal-working courses, forges, anvils, vises, hammers, and other small tools are provided. A large pottery kiln recently has been installed, making possible a variety of experiments in the use of clay in the schools. Both the mechanical and freehand drawing rooms are well equipped with tables, easels, stools, boards, instruments, and models.

### The Library

THE UNIVERSITY LIBRARY contains about 50,000 volumes; and the libraries of the two literary societies for men, housed in the Library Building, contain about 1,500 volumes additional.

For the maintenance and enlargement of the library, the State Legislature makes a liberal appropriation annually. The library is particularly rich in American political history and in the records of the United States and of the State of Ohio.

Students may draw from the library three volumes at a time, and these may be kept two weeks unless specially restricted. Unless there is other demand, books may be renewed.

The book stacks are not open to the students in general or to the public; but cards of admission may be given by the librarian on recommendation of an officer of instruction.

The library is open every week day when the University is in session from 7:30 a. m. to 9:30 p. m. The reading rooms are open for general reading also on Sunday afternoons between 2:30 and 5:30 save on the day on which occurs the monthly

University service. During vacations the library is open from 8:00 to 12:00 a. m. and from 1:00 to 5:00 p. m., except on Saturday afternoons and legal holidays.

## Fees and Expenses

**A**N incidental fee of \$15 a semester, payable at the beginning of the semester, is required of students in the four-year courses leading to the B. S. degree. Students pursuing diploma courses pay an incidental fee of \$7.50 a semester. *No deduction or rebate is granted on account of late entrance.*

*In case of withdrawal from college or change of course within 2 days of registration refund of incidental fees will be made in full. After 2 days, refunds will be made on the following basis: before the end of 2 weeks, 80%; before the end of 4 weeks, 60%; before the end of 6 weeks, 40%; after the sixth week no refund of fees will be made.*

## Rooms and Board

The rooms in the dormitories for men are of two sizes, the smaller ones renting for \$22.50 and the larger, arranged for two men, for \$45 a semester, payable at the beginning of each semester. This charge includes heat, light, and janitor service. An additional charge of \$1.25 a semester is made for laundering of sheets and pillow cases. The rooms are completely furnished, with the exception of curtains and towels, which the students must provide for themselves. Room rent will not be refunded except in cases where the room is re-rented during the semester in which it is vacated.

In the dormitories for women, two students are assigned to a room, and the price charged is \$22.50 a semester each, payable at the beginning of each semester. This charge includes light and heat. An additional charge of \$1.00 a semester is made for laundering of sheets and pillow cases. The rooms are furnished, with the exception of sheets, pillow cases, cur-



tain and towels, which the students must provide for themselves. Room rent will not be refunded except in cases where the room is re-rented during the semester in which it is vacated.

The women's dormitories are equipped with modern laundries, where women students, if they choose, may do their own laundry work. The halls are cared for by competent housekeepers. The Dean of Women and the Assistant to the Dean preside over the interests of all the young women students in or out of the dormitories and cottages, and all women students are subject to their authority.

The University Commons, a dining hall for men and women, is on the second floor of the west wing of the Main Building. The dining halls for women are in Hepburn Hall and Bishop Hall. All women students except those whose homes are in Oxford are required to board at the Commons, at Bishop Hall, or at Hepburn Hall. All dining halls are under the management of the University. They are directed by competent university officials, and are conducted without the idea of profit and for the purpose of providing good wholesome food at the lowest possible cost. The dining rooms are commodious, neat and attractive, and the service is good.

Board for men is furnished for \$3.00 a week, payable in advance in installments of not less than \$6.00 each. Refunds will be made for not less than one week. All single meals are cash. Board for women is provided for the 36 weeks of the college year, exclusive of the Christmas and the Easter vacations, for \$99. Board is payable in advance in installments of not less than \$11 each. Refunds will be made only for absences of two or more consecutive weeks. Single meal tickets for guests may be secured from the matrons.

Meals may be had in private boarding houses at \$3 to \$4 a week. For several years, coöperative clubs have furnished board for about \$3.50 a week. In general it may be stated that the cost of living in Oxford is very moderate. In every case, more depends upon the student's habits and tastes than upon the village, and legitimate expenditures may be brought within



\$250 for expenses of every kind during the collegiate year. A considerable number find their total expenses not more than \$200, and there are students who go through the college year for less.

### Medical Fee

A medical fee of \$5.00 (\$2.50 a semester) is charged all students. A college physician and resident nurse are employed and hospital facilities for non-contagious cases are provided. Each student will be thoroly examined by the college physician and will receive all needed medical attention, with the exception of serious operations and nursing through extended illnesses, free of charge. We are convinced that careful supervision of the health of college students can be secured only by this method, and that nothing will do more for the individual or for the state than to improve and perfect the health of the students while in college.

### Diploma Fee

A diploma fee of \$5 is charged to all students who are graduated from the four-year degree courses. Students who are graduated from the diploma courses pay a diploma fee of \$3.

### Summary of Expenses

The expenses which are directly connected with the University are, therefore, as follows:

Incidental fee (payable one-half at the beginning of each semester)	
Four-year degree courses.....	\$30 00
Two-year courses.....	15 00
Laboratory deposits.....	\$5 00 to 10 00
Rent of room in dormitories or cottages (36 weeks at \$1.25 per week).....	45 00
Rental and laundry of bed linen.....	\$2 00 to 2 50
Board at University Commons (36 weeks at \$3.00 per week).....	108 00
Board in women's dining halls (36 weeks at \$2.75 per week).....	99 00

*Note 1.* A fee of \$1.00 is required of all old students who register after the regular date of registration.

*Note 2.* A fee of \$1.00 is required of all students who take second or special examination. No fee is required for entrance examinations.

*Note 3.* In order to meet all the necessary expenses of registration: incidental fee of \$7.50 or \$15.00, laboratory deposits of \$5.00 to \$10.00, room rent for semester, \$22.50, laundry, \$1.00 or \$1.25, 4 weeks' board, \$11.00 or \$12.00, the purchase of books and other expenditures incident to beginning the college course, a student should come prepared to expend from \$65.00 to \$75.00 during the first ten days of a semester. After that period the payment of board every four weeks and items of *general expense* will constitute the major part of the student's expense.

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## University Regulations

### Terms and Vacations

THE college year is divided into semesters. For the college year 1917-18, the first semester begins on Tuesday, September 11; the second semester begins on Saturday, January 26.

Thanksgiving Day is a holiday.

The Christmas recess begins at noon on December 20, and ends at 7:30 a. m. on January 3.

The spring recess for 1918 begins at noon on Thursday, March 28, and continues until 7:30 a. m. on the Thursday following.

Washington's Birthday is observed as a holiday.

A summer term of twelve weeks is held each year, beginning on Monday after Commencement. The term is divided into two session of six weeks each, with five recitations a week.

### Class Attendance

Strict attendance upon all college exercises is required. When the student's absences, however few in number, interfere with the satisfactory performance of his work, he will be called before the Dean of his college to give explanation. Upon the Dean's recommendation, any student delinquent in this re-

spect may be called before the University Senate, and shall be liable to suspension.

An absence from class occurring on any one of the three days immediately preceding or immediately following a vacation period counts the same as three absences at other times.

Parents living at short distances from Oxford are urged not to interfere with the work and progress of the students by encouraging or by permitting frequent visits home.

### Examinations

Regular examinations are held at the close of each semester, and are conducted chiefly in writing. At the close of the year, the final examination may embrace the subjects of study for the entire year. In addition to these regular examinations, partial examinations and written recitations are held from time to time during the year, with or without previous notice to the students, at the discretion of the instructor.

Special examinations to remove conditions are held at stated intervals. They may be taken only on the days specified. For each special examination a fee of one dollar is charged, payable in advance at the cashier's office.

All examinations are conducted under the honor system.

### Medical and Sanitary Supervision

One of the principal objects of the Department of Physical Education is the early detection of all those influences which affect the health of the students. All freshmen and sophomores are examined in the fall and spring of the college year in order to discover the presence of any condition which may be working against the health interest of the individual or his associates.

The examinations are much like those made by any careful physician. In addition to securing a record covering the important hygienic and other health factors in the student's past life, there is an examination of eyes, nose, throat, teeth, heart, lungs, and of such special conditions as appear neces-

sary. After his examination each student is given such advice as seems necessary and appropriate for formulating intelligently his own policy of personal health control.

If there is a physical condition found that appears to need treatment, the fact is entered on a card and sent to the parent with the request that the card be referred to the family physician. The best results are secured by seeking the coöperation of the parents in matters concerning the health of the students.

All individuals needing medical treatment are advised by the Department, and the treatment is carried out with the assistance of the college nurse, who devotes her time to the medical needs of the student.

The Department inquires from time to time into all institutional influences which are likely to affect the health of the students. The Director of Physical Education is the Health Officer of the University, and, with the assistance of the college nurse and the professor of bacteriology, exercises every reasonable effort to make the institution safe and attractive to the clean and healthy student.

### Physical Education

All students, except those members of the junior and senior classes who already have made four hours credit in physical education, are required to take two hours of exercise each week under the immediate instruction of the director of the gymnasium. For this work each student receives a credit of one hour a semester, or four hours for the two years.

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### Organizations

#### Christian Associations

THE Young Men's Christian Association is an effective agency in promoting religious ideals and knowledge among the men of the University. Besides the regular devotional services, the Association conducts Bible and mission study classes for men. A considerable number of men are enrolled



in these classes each year. Mr. Arthur Wickenden, A. B., Denison 1915, is employed as Secretary of the Association, giving his entire time to the work.

The Young Women's Christian Association also does most effective work. Its devotional meetings and Bible and mission study classes are largely attended and its influence for good among the young women is very marked. Miss Georgia Richards, A. B., Miami 1915, is employed as secretary of the Association, giving her entire time to the work.

Both Associations lay much stress on sound religious knowledge. Some of the Bible classes are taught by professors. Representatives from the Associations attend the annual summer conferences of Christian workers and the quadrennial convention of the Student Volunteer Movement.

The Associations contribute also to the social life of the University, especially at the opening of the year. No other student organizations have a wider field of usefulness.

### Literary Societies

Two literary societies for men are maintained in the University, the Erodelphian and the Miami Union. These societies were founded in 1825, and both have charters from the State. They meet on Friday evenings in their halls in the Main Building. They are not secret in organization, and welcome all young men who desire to improve themselves in oratory, in debating, and in other forms of public address. Their spirit is commendably earnest, and students are recommended to connect themselves with one of them.

The Pierian Society was founded in 1902, and the Thalian Society in 1910, by the young women in the two-year courses.

Each of these societies has a room in the Teachers College building. Each room is supplied with a piano and such other appointments as make a delightful meeting place. Each Society meets once every two weeks to present literary, musical or dramatic programs.

The Franklin Literary Society is composed of the students of the Summer Term. Meetings are held on Friday night of each week during the first session of the Summer Term.

### Musical Organizations

Excellent training in vocal culture and in choral singing is afforded by the following musical organizations:

The Madrigal Club is made up from among the young women of the University. Mr. Aubrey W. Martin, Director of Music, is the leader of the organization. Regular rehearsals are required. A public concert is given during the winter of each year.

The Arion Choir is composed of about one hundred voices. Its purpose is to perform the larger choral works, such as cantatas and oratorios. A concert is usually given in the spring of each year. In 1911-12, *The Odysseus*, by Max Bruch, was given; in 1913-14, Mendelssohn's *St. Paul*; in 1914-15, Verdi's *Aida*; in 1915-16, Flotow's *Martha*; in 1916-17, Verdi's *Requiem*.

The Philharmonic Club is composed of men and women of the Summer Term. It offers unusual opportunity for music teachers to gain experience in organizing and conducting choral societies and glee clubs, and for all teachers interested in voice and choral work to secure training for singing in church choirs and other musical organizations. The club furnishes music for the Model Institute and other public exercises of the Summer Term. It is under the direction of the Director of Music and the University Organist.

The University Orchestra was organized in 1915. Admission is by competitive examination, and as many as have sufficient ability are admitted. There are at present forty-five players, and these will be augmented by members of the Cincinnati Symphony Orchestra so that the instrumentation will be complete. Only the standard symphonic literature is studied, and several concerts are planned. The first occurred in December, with Hans Kronold, Cellist, as the assisting soloist.

## University Publications

The official publication of the University is *The Miami University Bulletin*. It is issued monthly thruout the year from the publication office in the Auditorium.

In this series appear the annual catalogue of the University, the announcements of the Summer Term, the President's Report to the Board of Trustees, and the Alumni News Letters. The remaining issues are devoted to monographs by members of the faculties.

A flourishing weekly periodical, *The Miami Student*, is maintained by the students of the University; and the junior class publishes each year an attractive college annual, *The Recensio*. The offices of the student publications are in the Main Building.

## University Service

Special religious services are held in the University Auditorium on the afternoon of the third Sunday of each month at two-thirty o'clock. At the services, a sermon is preached usually by some clergyman from outside of town.

The University preachers from March 1916, to February 1917, were the following:

William F. Anderson, D. D., Bishop of the Methodist Episcopal Church, Cincinnati, Ohio. "*Personality*".

Chalmers G. Morrow, First Presbyterian Church, Indiana, Pennsylvania. "*A High Calling*".

W. H. Poole, St. Paul's Church, Jackson, Michigan. "*Pure Religion*".

Clarence C. Barbour, D. D., President of Rochester Theological Seminary, Rochester, New York. "*Life's Deepest Meaning*".

W. O. Thompson, D. D., LL. D., President of Ohio State University, Columbus, Ohio. "*Equipment for Service*".

Thomas H. Hanna, Jr., D. D., United Presbyterian Church, Bloomington, Indiana. "*The Twelfth Man*".

Seeley K. Tompkins, Walnut Hills Congregational Church, Cincinnati, Ohio. "*The Prophets of Today*".

Shailer Mathews, D. D., LL. D., Dean of The Divinity School, The University of Chicago, Chicago, Illinois. "*A Practical Man's Perplexity over Religion*".



- Harry N. Clark, President of the Cortescope Company, Cleveland, Ohio. "*Why Do So Many People Misinterpret the Christian Life?*"
- W. W. Bustard, D. D., The Euclid Avenue Baptist Church, Cleveland Ohio. "*How to Overcome Life's Limitations*".

### Special Lectures and Entertainments

During each college year, a number of special lectures and entertainments are given at the University. These are of varied nature to suit the individual taste of as large a public as possible. Some of the entertainments are given under the auspices of the Union Lyceum Committee, composed of representatives from the Village of Oxford, the Western College for Women, the Oxford College for Women, and Miami University. Other entertainments are given under the auspices of various departments of the University.

The list of lectures and entertainments given from February, 1916, to February, 1917, includes the following:

- Charles Hart Handschin, Miami University. Chapel Address on "Scholarship".
- Dr. Seeley K. Tompkins, Pastor of Walnut Hills Congregational Church, Cincinnati. Series of six lectures on the Bible: "The Law and the Prophets"; "The Early Traditions and the Sacred Rolls"; "The Poetry"; "The Personal Letters"; "The Story of Jesus"; "The Inspired Book".
- Miss Ethelwyn Miller, Instructor in Household Arts, School of Education, University of Chicago. Address before Teachers College Alumni Association on "Household Decoration".
- Prefessor Alfred H. Upham, Miami University. Chapel Address on "Scholarship".
- Philip N. Moore, Miami '70, Mining Engineer, St. Louis. Chapel Address, "Engineering". Business Conferences.
- Cercle Francais, Miami University. "L'Anglais tel qu'on le parle". Tristan Bernard.
- Professor Elmer Ellsworth Powell, Miami University. Illustrated lecture, "English Customs and Oxford University".
- "The White Snake", a Chinese play given under the supervision of Miss Choming Tsai, Miami '17.
- The Portinanteau Theatre, Stuart Walker. "The Trimplet". "Gammer Gurton's Needle", "The Moon Lady", "Nevertheless", "Six Who Pass While the Lentils Boil".



Professor Fred Latimer Hadsel, Miami University. Illustrated lecture, "The Excavated Ruins of Pompeii".

Professor Elmer Ellsworth Powell, Miami University. Chapel Address "The Cultural Ideal of Education".

Cercle Français, Miami University. "Le Bourgeois Gentilhomme," by Moliere.

Arion Choir. Opera, "Martha" by Flotow.

Professor Joseph Albertus Culler, Miami University. Chapel Address, "Scholarship".

Mrs. Scott Nearing. Address.

Professor Clarence Edwin Carter, Miami University. Chapel Address, "The Place of Scholarship in a Democratic Society".

Mr. Harry Newman, Miami ex-1905. Chapel address, "The Automobile Business." Business conferences.

Miss Freda M. Bachman, Miami '07. Chapel Address, "The Woman in the Graduate School".

Professor E. D. Starbuck, University of Iowa. Lecture, "The Worth of a Child".

Professor Henry Olds, Lecture, "Birds and Bird Music."

Ye Merrie Players, Miami University. Commencement Play, "You Never Can Tell", by Bernard Shaw.

Historical Pageant by students of the University.

Sacred Concert by University Orchestra, Glee Club, and Madrigal Club, including a sacred cantata, "Isaiah LV", by Joseph W. Clokey, '12, given under the direction of Mr. Clokey.

President Guy Potter Benton, LL. D., University of Vermont. Commencement address.

President W. W. Boyd, Western College. Phi Beta Kappa address, "The League to Enforce International Peace".

The Coburn Players. "The Merchant of Venice," "The Taming of the Shew," "The Rivals."

The Zedeler Sextette. Concert.

Edwin Starbuck, Professor of Philosophy, University of Iowa. Lecture, "The Worth of the Child."

Shakespeare Pageant.

W. C. Bagley, Professor of Education, University of Illinois. Lecture.

F. B. Pearson, State Superintendent of Public Instruction. Lecture.

John P. Clum. Illustrated lecture on Alaska.

The Portmanteau Theatre, Stuart Walker. Dunsany's "Golden Doom," "The Very Naked Boy," "The Lady of the Weeping Willow Tree," (by Stuart Walker), "The Birthday of the Infanta", "Nevertheless," "Voices", (by Hortense Flexner).

R. S. Eastman, Editor of Times Star. Illustrated Lecture before Kindergarten Mothers Club, "Control of Motion Pictures".

Joseph Waddell Clokey, Miami University. Monthly organ recitals.

Miss Sara Norris, Miami Univesity. Monthly organ recitals.

Miss Gweihsin Wang, Western College. Talk before Y. W. C. A. on "Missions in China".

Colonel Myron T. Herrick. Address, "Republicanism".

Professor R. V. D. Magoffin, Johns Hopkins University. Illustrated lecture, "On Foot Through Italy's Alban Hills".

David Starr Jordan, Chancellor of Leland Stanford University. Lecture, "Problems of the War".

Lincoln Steffins. Lecture, "Conditions in Mexico".

Mr. Edgecomb, Efficiency Engineer with Harrington Emerson Company. Address before Commercial Club on Efficiency Engineering".

Professor Joseph Myers, Ohio State University. Address before Commercial Club on Journalism". Chapel talk.

St. Louis Symphony Orchestra, Max Zach, Conductor. Concert.

Harrington Emerson, Efficiency Engineer. Chapel talk. Address before Commercial Club.

Classical Club. "When the Fates Decree," by Grant H. Code.

University Orchestra. Concert, with Hans Kronold, Cellist.

Hon. John Weld Peck, ex-'95, of Cincinnati. Address, "The Law in Relation to Business".

Madrigal Club, Miami University. Concert.

Ye Merrie Players, Miami University. Mid-year Play, "The Pillars of Society", by Henrick Ibsen.

Music Department. Semester Recital.

## Requirements for Graduation

### Degree

THE degree of Bachelor of Science in Education is conferred upon those students who complete one hundred and twenty semester hours of academic and professional work, and four hours in physical education, as prescribed in the conspectus of courses.

### Diploma

The two-year diploma is conferred upon these students who complete one of the two-year courses of study prescribed in the conspectus of two year courses.

The holder of a diploma from a two-year course will be admitted to junior rank in a similar course leading to the Bachelor of Science degree.

## The William McGuffey Schools

The William McGuffey Schools occupy the South Pavilion of the Teachers College Building, and are established to illustrate the best modern school organization and methods of instruction. They comprise the kindergarten and twelve years of elementary and secondary school, six years of elementary education and six years for secondary or high school education. Regular critic teachers have charge of the pupils under the direction of the Principal and the Director.

These schools serve as model and experimental schools and are used for practice by the student teachers. In this way, the practice and observation are amid real school conditions. All the problems of the public schools must be met and solved in the course of each student's term of practice. The practice schools include all the eight grades of the elementary schools, a kindergarten, and special class instruction in home economics, drawing, industrial arts, and music.

## The Employment Bureau

The Teachers College maintains a bureau for the recommendation of its students to teaching positions. This service is rendered without charge and is extended to those seeking initial positions and to those already located who are worthy of promotion to better places.

## Requirements for Admission

CANDIDATES for admission to the Teachers College must be possessed of good health, good moral character, a serious attitude toward teaching, and such scholastic attainments as will satisfy either Entrance Requirements A or Entrance Requirements B.

### Entrance Requirements A

Graduation from a first-grade high school in Ohio in accordance with Sec. 7658, Ohio Statutes; or from a high school of similar grade in other states. (Students entering under Requirements A must satisfy all the nine required units of Requirements B. 1.)

### Entrance Requirements B

Fifteen units of high school work, a unit being considered as a course of study covering a school year of not less than thirty-six weeks, with five recitation periods a week or of at least forty minutes each.

I. The following nine units are required:

English.....	3	Physics or chemistry, with	
History .....	1	laboratory work.....	1
Algebra to quadratics.....	1	Latin, Greek, French, or	
Plane geometry .....	1	German.....	2



The six additional units must be selected from the following:

Algebra through progressions..	½	Civics .....	½
Beginner's Latin.....	I	Medieval or modern history...	½
Cæsar .....	I	Chemistry or physics with	
Cicero's Orations.....	I	laboratory work.....	I
Virgil .....	I	Botany, zoology or biology	
Elementary French.....	I	with laboratory work.....	I
Second year French.....	I	Physiology.....	½
Elementary German .....	I	Physiography.....	½
Second year German.....	I	Solid geometry.....	½
Greek and Roman history.....	½	Manual training.....	½ or I
U. S. history.....	½	Drawing .....	½ or I
Elementary agriculture....	½ or I		

*Note*—In addition to the 15 units prescribed above, musical ability and some technical skill with voice and piano are required for the entrance to the course in music.

## II. Ten units are required as follows:

### 1. Three units in English

### 2. Seven units from the following groups:

- |                                                                                                            |                                                                                          |
|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| 1. Greek and Latin                                                                                         | 4. Mathematics                                                                           |
| 2. Modern language other than English                                                                      | 5. Physics, chemistry, botany, zoology, general biology, physiography, general astronomy |
| 3. Ancient history, medieval and modern history, English history, United States history, civics, economics |                                                                                          |

The seven units must be taken as follows:

- |                                                                                                                                                                                                                                    |                                                                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| a. Three or more units must be selected from one of the groups; if from group one or group two the three units must be in one language; if from group five neither physics nor chemistry can be offered in less amount than a unit | b. Two or more units must be selected from another single group under same conditions governing the selection of the three units |
|                                                                                                                                                                                                                                    | c. Two units in subjects selected from any of the groups                                                                         |

Five additional units from any subject accepted by an approved high school for its diploma.

## Extension Work for Public Schools

### A. Visits and Conferences by the Members of the College Faculty

UPON application from city, village, county or district superintendents, representatives from the Teachers College will visit the schools, with the superintendent, to advise with teachers as to the best methods of conducting the work in

special subjects, suggesting equipment and laboratory exercises; to conduct round-table conferences with groups of teachers; and to deliver lectures to teachers, pupils and patrons.

The Teachers College has arranged to be of as great service to education in the state as possible. Any of the public schools or teachers may take advantage of this section of the work of the college.

Sometimes these visits can be arranged without cost to the schools visited, but usually the expenses are to be borne by the local schools.

### Lending Lantern Slides and Laboratory Material

The Teachers College is prepared to lend to schools sets of lantern slides upon school improvements, geography, nature-study, travel, etc., and to send collections, specimens of field crops, and various other kinds of illustrative material for instruction in agriculture and nature-study.

In all such cases the school making the request will pay transportation.

A copy of the *Miami University Bulletin* of January, 1911, containing a list of all slides and specimens available, will be sent upon request.

### B. Extension Work for Credit

In order to meet the demands of the new law a large number of extension centers were established by the Teachers College in 1914. These extension centers are visited by the regular professors of the Teachers College. The work will be carried on in 1917-18 under the following conditions: Students who enter the extension class must have the same qualifications for admission as such course will require in residence. The course shall consist of not less than fifteen two-hour lessons or lectures or both in each course and the credit shall be two semester hours. The Teachers College will offer only such

courses as are a part of its regular curriculum. Course should begin not later than October 1st, and each center must contain at least fifteen members. Any teachers interested in Extension Work should correspond with Prof. G. E. Carrothers, Director of Extension Work, Teachers College, Oxford, Ohio.

## Courses of Study

THE following courses of study are offered for prospective teachers:

I. Four-year courses offered by co-operation of Teachers College and the College of Liberal Arts and leading to the Bachelor of Science degree and a State four-year provisional high school certificate:

- A. English and History
- B. Latin and English
- C. Mathematics, Physics, and Chemistry
- D. Modern Language and English
- E. Biological Sciences
- F. Industrial Education
- G. Agricultural Education
- H. Home Economics

II. Two-year courses offered entirely in Teachers College and leading to a State Teachers College diploma, and a State four-year provisional elementary or special certificate.

- A. Regular Grade Teachers
- B. Industrial Education
- C. Public School Music
- D. Home Economics
- E. Agricultural Education

## Conspectus of Four-Year Courses

Leading to the Bachelor of Science Degree, and State Four-Year High School Provisional Certificate. Subjects offered in the College of Liberal Arts will be found described in the General Catalog.

### A. English and History

#### FIRST YEAR

##### FIRST SEMESTER

English 100, Rhetoric, and Composition .....	3
Public Speaking 100.....	2
*Science.....	4
Education 100, Psychology.....	3
**Foreign Language.....	4
Physical Education.....	1

##### SECOND SEMESTER

English 100, Rhetoric and Composition .....	3
Public Speaking 100.....	2
Science.....	4
Education 100, Psychology of Adolescence .....	3
Foreign Language.....	4
Physical Education.....	1

#### SECOND YEAR

English 210, Types of Literature .....	3
English 300, Shakespeare.....	3
History 100, Introduction to the Study of History.....	4
Education 200, History of Education .....	4
**Foreign Language.....	2
Physical Education .....	1

English 210, Types of Literature .....	3
English 300, Shakespeare.....	3
History 100, Modern History....	4
Education 200, History of Education .....	2
Foreign Language.....	4
Physical Education.....	1

#### THIRD YEAR

English .....	3
History .....	3
Education 300, Principles of Teaching .....	3
Special Method.....	2
Government .....	3
Elective .....	1 or 2

English .....	3
History .....	3
Education 300, Principles of Teaching.....	3
Special Method.....	2
Government.....	3
Elective.....	1 or 2

#### FOURTH YEAR

History.....	3
English .....	3
School Administration 400, School Organization in Secondary Schools.....	3
†Teaching and Observation.....	4
Elective to make 15 hours	

History .....	3
English .....	3
School Administration 400, School Organization in Secondary Schools.....	3
Teaching and Observation.....	4
Elective to make 15 hours	

\*Botany, Chemistry, Geology, Physics, or Zoology.

\*\*If the student has had four years in foreign language in High School this subject is optional.

†Either first or second semester. Economic geography is recommended as a senior elective.



## B. Latin and English

### FIRST YEAR

#### FIRST SEMESTER

English 100, Rhetoric and Composition.....	} 5
Public Speaking 100 .....	
Latin 110, Cicero, Terence and selections from Latin Poets...	4
Education 100, Psychology .....	3
*Science .....	4
Physical Education .....	1

#### SECOND SEMESTER

English 100, Rhetoric and Composition.....	} 5
Public Speaking 100 .....	
Latin 110, Cicero, Terence and selections from Latin Poets...	4
Education 100, Psychology of Adolescence .....	3
Science.....	4
Physical Education.....	1

### SECOND YEAR

Greek 211, Literature.....	3	Greek 212, Literature.....	3
English 300, Shakespeare .....	3	English 300, Shakespeare .....	3
Latin 200, Horace and Plautus ..	3	Latin 200, Horace and Plautus..	3
Education 200, History of Education.....	2	Education 200, History of Education.....	2
**Elective.....	4 or 5	Elective.....	4 or 5
Physical Education .....	1	Physical Education .....	1

### THIRD YEAR

English .....	3	English .....	3
Latin 300, The Silver Age .....	3	Latin 300, The Silver Age .....	3
Education 300, Principles of Teaching.....	3	Education 300, Principles of Teaching.....	3
Special Method .....	2	Special Method .....	2
**Elective .....	4 or 5	Elective.....	4 or 5

### FOURTH YEAR

English .....	3	English .....	3
Latin 400, Advanced Course in Virgil .....	2	Latin 400 Advanced Course in Virgil .....	2
School Administration 400 .....	3	School Administration 400 .....	3
†Teaching and Observation.....	4	Teaching and Observation.....	4
*Elective to make 15 hours		Elective to make 15 hours	

\*Botany, Chemistry, Geology, Physics, or Zoology.

\*\*Must elect three hours Sociology and six hours History, and should offer at least two years of Modern Language.

†Either first or second semester.

## C. Mathematics, Physics and Chemistry

## FIRST YEAR

## FIRST SEMESTER

English 100, Rhetoric and Composition .....	} 5
Public Speaking 100 .....	
Chemistry 100 or 110, General Chemistry .....	4
Mathematics 101 or 111 .....	4 or 5
Education 100, Psychology .....	3
Physical Education .....	1

## SECOND SEMESTER

English 100, Rhetoric and Composition .....	} 5
Public Speaking 100 .....	
Chemistry 100 or 110, General Chemistry .....	4
Mathematics 102 or 112 .....	4 or 5
Education 100, Psychology of Adolescence .....	3
Physical Education .....	1

## SECOND YEAR

Physics 200, General Physics .....	4
Chemistry 201, Quantitative Analysis, Gravimetric ..	4
Mathematics 200, Calculus .....	3
Education 200, History of Education .....	2
Physical Education .....	1
*Elective .....	2

Physics 200, General Physics .....	4
Chemistry 202, Quantitative Analysis, Volumetric .....	4
Mathematics 200, Calculus .....	3
Education 200, History of Education .....	2
Physical Education .....	1
*Elective .....	2

## THIRD YEAR

Chemistry 300, Organic .....	4
Physics 300, Mechanics and Heat .....	3
Mathematics 220, Surveying .....	3
Education 300, Principles of Teaching .....	3
Elective .....	2

Chemistry 300, Organic .....	4
Physics 300, Electricity, Heat and Light .....	3
Mathematics 220, Surveying ..	3
Education 300, Principles of Teaching .....	3
Special Method .....	2

## FOURTH YEAR

School Administration 400 .....	3
†Teaching and Observation .....	4
Mathematics 310, Algebra .....	3
Elective to make 15 hours	

School Administration 400 .....	3
Teaching and Observation .....	4
Mathematics 310, Algebra .....	3
Elective to make 15 hours	

\*Elective must be from courses other than Mathematics and Science.

†Either first or second semester.

## D. Modern Language and English

## FIRST YEAR

## FIRST SEMESTER

English 100, Rhetoric and Composition .....	} 5	
Public Speaking 100.....		
Modern Language: German, French, or Spanish .....		4
Science.....		4
Education 100, Psychology.....		3
Physical Education.....		1

## SECOND SEMESTER

English 100, Rhetoric and Composition .....	} 5	
Public Speaking 100.....		
Modern Language: German, French, or Spanish .....		4
Science.....		4
Education 100, Psychology of Adolescence .....		3
Physical Education.....		1

## SECOND YEAR

English 210, Types of Literature	3	English 210, Types of Literature	3
Modern Language.....	3 or 4	Modern Language .....	3 or 4
History 100, Introduction to the Study of History.....	4	History 100, Introduction to the Study of History .....	4
Education 200, History of Education .....	2	Education 200, History of Education .....	2
Elective.....	2 or 3	Elective.....	2 or 3
Physical Education.....	1	Physical Education.....	1

## THIRD YEAR

English 300, Shakespeare.....	3	English 300, Shakespeare.....	3
Modern Language.....	3 to 6	Modern Language.....	3 to 6
Education 300, Principles of Teaching .....	3	Education 300, Principles of Teaching .....	3
Special Method.....	2	Special Method .....	2
Elective to make 15 hours		Elective to make 15 hours	

## FOURTH YEAR

English .....	3	English .....	3
Modern Language.....	3 or more	Modern Language.....	3
School Administration 400.....	3	School Administration 400.....	3
*Teaching and Observation.....	4	Teaching and Observation.....	4
Elective to make 15 hours		Elective to make 15 hours	

\*Either first or second semester. Those choosing German should select History 231 and 210. Those choosing French should select History 232 and 210.

## E. Biological Sciences

## FIRST YEAR

## FIRST SEMESTER

English 100, Rhetoric and Composition .....	}	5
Public Speaking 100.....		
Botany 100, General Botany....		4
Education 100, Psychology.....		3
Physical Education .....		1
Elective .. .. .		4

## SECOND SEMESTER

English 100, Rhetoric and Composition.....	}	5
Public Speaking 100.....		
Botany 100, General Botany....		4
Education 100, Psychology of Adolescence .....		3
Physical Education .....		1
Elective .....		4

## SECOND YEAR

Chemistry 100 or 110, General Chemistry .....	4	Chemistry 100 or 110, Qualitative Analysis.....	4
Botany 211, Mycology, Phycomycetes and Basidiomycetes	3	Botany 212, Mycology, Ascomycetes .....	3
Education 200, History of Education .....	2	Education 200, History of Education.....	2
Physical Education .....	1	Physical Education .....	1
Elective .....	6	Elective.....	6

## THIRD YEAR

Chemistry 201, Quantitative Analysis, Gravimetric .....	3	Chemistry 202, Quantitative Analysis, Volumetric.....	3
Zoölogy 100, Introduction to Zoölogy .....	4	Zoölogy 100, Introduction to Zoölogy .....	4
Botany 301, Taxonomy .....	3	Botany 302, Taxonomy .....	3
Education 300, Principles of Teaching .....	3	Education 300, Principles of Teaching.....	3
Elective .....	3	Elective .....	3

## FOURTH YEAR

Zoölogy 110, Entomology.....	4	Zoölogy 110, Entomology .....	4
School Administration 400.....	3	School Administration 400 .....	4
Special Method .....	2	Special Method .....	2
*Teaching and Observation .....	4	Teaching and Observation .....	4
Elective to make 15 hours		Elective to make 15 hours	

\*Either first or second semester. Student must elect at least 6 hours of History and Physics if he has not had Physics in High School. Other electives must be taken from other subjects than Science.



## F. Industrial Education

### FIRST YEAR

#### FIRST SEMESTER

Drawing 130, Object Drawing and Design .....	1
Drawing 150, Mechanical.....	2
Education 110, Psychology.....	3
English 100, Rhetoric and Composition .....	3
Industrial Arts 110, Woodworking .....	3
Mathematics 161, Trigonometry	3
Physical Education.....	1

#### SECOND SEMESTER

Drawing 130, Object Drawing and Design .....	1
Drawing 150, Mechanical.....	2
Education 110, Psychology of Adolescence .....	3
English 100, Rhetoric and Composition .....	3
Industrial Arts 110, Woodworking .....	3
Mathematics 162, Shop Mathematics .....	3
Physical Education .....	1

### SECOND YEAR

Chemistry 100 or 110, General Chemistry .....	4
Drawing 230, Constructive Design .....	1
Drawing 240, Descriptive Geom.	2
Education 211, History of Manual Arts and Vocational Education	3
Industrial Arts 210, Cabinet Making.....	3
Industrial Arts 221, Wood Turning .....	2
Physical Education.....	1

Chemistry 100 or 110, General Chemistry .....	4
Drawing 230, Constructive Design .....	1
Drawing 240, Descriptive Geometry .....	2
Industrial Arts 210, Cabinet Making .....	3
Industrial Arts 222, Pattern Making .....	2
Physical Education .....	1
Elective.....	3

### THIRD YEAR

Drawing 301, Architectural....	2
Education 311, Principles of Teaching .....	3
Industrial Arts 301, Paper and Cardboard, or.....	
Industrial Arts 321, Sheet Metalwork .....	2
Industrial Arts 311, Concrete Construction .....	2
Physics 100, Freshman Physics..	4
Sociology 200 .....	3

Drawing 302, Topographical, etc.	2
Industrial Arts 332, Special Method .....	3
Industrial Arts 302, Bookbinding or.....	
Industrial Arts 322, Art Metalwork.....	2
Industrial Arts 312, Frame Building Construction.....	2
Physics 100, Freshman Physics.	4
Sociology 200.....	3

## \*FOURTH YEAR

## FIRST SEMESTER

Drawing 400, Machine Design...	2
Industrial Arts 400, Pottery or	
Industrial Arts 420, Printing....	2
Industrial Arts 411, Forging....	2
Teaching and Observation 401,	
Teaching Industrial Education 2	
Sociology 311, Labor problems..	3
School Administration 401, School	
Organization in Secondary	
Schools.....	3

## SECOND SEMESTER

Drawing 400, Machine Design..	2
Industrial Arts 400, Pottery or	
Industrial Arts 420, Printing....	2
Industrial Arts 412, Bench	
Metalwork .....	2
School Administration 412, Or-	
ganization and Administra-	
tion of Vocational Education..	3
Sociology 312, Rural Commu-	
nities.....	3
Teaching and Observation 402,	
Teaching Industrial Education 2	

Students in Industrial Education are advised to spend one or more summers during their course in practical work in the industries. The demand for teachers who have had industrial work in commercial shops is increasing each year.

The student may make any one of the following combinations with the course in Industrial Education:—

Industrial Education and (a) Mathematics, (b) Physics, (c) Agriculture, or (d) Physical Education.

## FIRST YEAR

## FIRST SEMESTER

Drawing 130, Object Drawing	
and Design .....	1
Drawing 150, Mechanical Draw-	
ing .....	2
Education 110, Psychology .....	3
English 100, Rhetoric and Com-	
position .....	3
Industrial Arts 110, Woodwork-	
ing .....	3
Physical Education .....	1
(a), (b) Mathematics 101, Fresh-	
man Mathematics.....	4
(c), (d) Mathematics 161, Trigo-	
nometry .....	3

## SECOND SEMESTER

Drawing 130, Object Drawing	
and Design.....	1
Drawing 150, Mechanical Draw-	
ing .....	2
Education 110, Psychology of	
Adolescence .....	3
English 100, Rhetoric and Com-	
position .....	3
Industrial Arts 110, Woodwork-	
ing .....	3
Physical Education .....	1
(a), (b) Mathematics 102, Fresh-	
man Mathematics.....	4
(c), (d) Mathematics 162, Shop	
Mathematics .....	3

\*As a one-hour elective in his senior year a student may do advanced work, under the direction of the instructor in charge, in an Industrial Arts or Drawing course in which he has shown exceptional ability and interest.

## SECOND YEAR

Chemistry 100 or 110, General Chemistry .....	4	Chemistry 100 or 110, General Chemistry .....	4
Drawing 230, Constructive Design .....	1	Drawing 230, Constructive Design .....	1
Drawing 240, Descriptive Geometry .....	2	Drawing 240, Descriptive Geometry .....	2
Education 211, History of Manual Arts and Vocational Education .....	2	Education 212, History of Education .....	2
Industrial Arts 210, Cabinet Making .....	3	Industrial Arts 210, Cabinet Making .....	3
(a), (b) Mathematics 211, Plane Analytic Geometry .....	3	(a), (b) Mathematics 212, Solid Analytic Geometry .....	3
(c) Agricultural Education 221, Soils .....	3	(c) Agricultural Education 222, Plant Breeding .....	3
(d) Zoology 121, Hygiene .....	3	(d) Zoology 122, Physiology .....	3
Physical Education .....	1	Physical Education .....	1

## THIRD YEAR

Economics 100, Economic History .....	3	Economics 100, Economic History .....	3
Education 300, Principles of Teaching .....	3	Education 300, Principles of Teaching .....	3
Industrial Education (Selected Course) .....	2	Industrial Education (Selected Course) .....	2
(a) Physics 100, Introductory Course .....	4	(a) Physics 100, Introductory Course .....	4
Elective .....	3 or 4	Elective .....	3 or 4
(b) Physics 200, General Physics .....	4	(b) Physics 209, General Physics .....	4
Elective .....	3 or 4	Elective .....	3 or 4
(c) Agricultural Education 301, Farm Animals .....	3	(c) Agricultural Education 302, Animal Nutrition .....	3
Zoology 110, Entomology .....	4	Zoology 110, Entomology .....	4
(d) Botany 240, Bacteriology .....	3	(d) Botany 240, Bacteriology .....	3
Physical Education .....	1	Physical Education .....	1
Elective .....	2 or 3	Elective .....	2 or 3

## FOURTH YEAR

Industrial Education (Selected Course) .....	2	Industrial Education (Selected Course) .....	2
School Administration 401, School Organization in Secondary Schools .....	3	School Administration 412, Organization and Administration of Vocational Education .....	3
Sociology 311, Labor Problems .....	3	Sociology 312, Rural Communities .....	3
Teaching and Observation 401, Teaching Industrial Education .....	2	Teaching and Observation, Teaching (a), (b), (c), or (d) .....	2
(a) Mathematics 221, Trigonometry .....	4	(a) Mathematics, 222, Surveying .....	4
(b) Physics 300, Mechanics and Heat .....	3	Elective .....	1 or 2
Elective .....	2	(b) Physics 300, Electricity, Heat, Light .....	3

FOURTH YEAR—Continued

(c) Agricultural Education 311, Farm Management. .... 3	Elective ..... 2
Botany 211 or 221 ..... 3 or 4	(c) Agricultural Education 312, Horticulture ..... 3
(d) Physical Education ..... 1	Botany 212 or 222 ..... 3 or 4
Agricultural Education 221, Soils 3	(d) Physical Education ..... 1
Elective ..... 1 or 2	Agricultural Education 312, Horticulture ..... 3
	Elective ..... 1 or 2

G. Agricultural Education

(a) Chemistry; (b) Industrial Arts

FIRST YEAR

FIRST SEMESTER	SECOND SEMESTER
Education 100, Psychology ..... 3	Education 100, Psychology of Adolescence ..... 3
English 100, Composition and Rhetoric ..... } 5	English 100, Composition and Rhetoric ..... } 5
(a) Public Speaking 100 ..... 4	(a) Public Speaking 100 ..... 4
Botany 100, General ..... 4	Botany 100, General ..... 4
(a) Chemistry 100 or 110, General 4	(a) Chemistry 100 or 110, General 4
(b) Drawing 130, Object Drawing and Design ..... 1	(b) Drawing 130, Object Drawing and Design ..... 1
(b) Drawing 150, Mechanical. . 2	(b) Drawing 150, Mechanical... 2
(b) Industrial Arts 110, Wood- working ..... 3	(b) Industrial Arts 110, Wood- working ..... 3
Physical Education... ..... 1	Physical Education ..... 1

SECOND YEAR

Education 200, History of Education ..... 2	Education 200, History of Education ..... 2
Sociology 200, Social Problems. 3	Sociology 200, Social Problems. 3
Agricultural Education 201, Soils ..... 3	Agricultural Education 202, Plant Improvement ..... 3
Botany 211, Mycology ..... 3	Botany 222, Plant Pathology... 3
(a) Chemistry 310, Quantitative Analysis ..... 4	(a) Chemistry 310, Quantitative Analysis ..... 4
(b) Chemistry 100 or 110, General 4	Chemistry 310 or 110, General 1
Physical Education ..... 1	Physical Education ..... 4



## THIRD YEAR

## FIRST SEMESTER

Agricultural Education 320, Methods of Instruction.....	2
Agricultural Education 301, Farm Animals.....	3
Education 300, Principles of Teaching.....	3
Zoölogy 110, Entomology.....	4
(a) Chemistry 300, Organic....	4
(b) Industrial Arts 311, Concrete Construction.....	2
(b) Industrial Arts 411, Forging	2

## SECOND SEMESTER

Agricultural Education 320, Methods of Instruction.....	2
Agricultural Education 302, Animal Nutrition.....	3
Education 300, Principles of Teaching.....	3
Zoölogy 110, Entomology.....	4
(a) Chemistry 300, Organic....	4
(b) Industrial Arts 312, Frame Building Construction.....	2
(b) Industrial Arts 412, Bench Metalwork.....	2

## FOURTH YEAR

School Administration 401, School Organization in Secondary Schools.....	3
Teaching 401.....	3
Sociology 311, Labor Problems.	3
Agricultural Education 311, Farm Management.....	3
(a) or (b) Elective.....	3

School Administration 412, Organization and Administra- tion of Vocational Education	3
Sociology 312, Rural Communi- ties.....	3
Agricultural Education 312, Horticulture.....	3
(a) or (b) Elective.....	6

## H. Home Economics

## FIRST YEAR

Chemistry 100 or 110, General Chemistry.....	4
Drawing 121, Household Design	1
Education 110, Psychology.....	3
English 100, Rhetoric and Composition.....	3
Home Economics 111, Textiles..	2
Physical Education.....	1
Zoölogy 121, Hygiene.....	3

Chemistry 152, Elementary Household Chemistry.....	3
Inorganic.....	1
Drawing 122, Costume Design...	1
Education 110, Adolescence.....	3
English 100, Rhetoric and Com- position.....	3
Home Economics 112, Sewing...	1
Home Economics 132, Sanitation	1
Physical Education.....	1

## SECOND YEAR

Botany 240, Bacteriology.....	3	Botany 240, Bacteriology.....	3
Chemistry 300, Organic		Chemistry 300, Organic	
Chemistry .....	4	Chemistry .....	4
Education 211, History of		Home Economics 210, Elemen-	
Manual Arts and Vocational		tary Cookery .....	2
Education .....	3	Home Economics 222, Home	
Home Economics 210, Elemen-		Management .....	2
tary Cookery.....	2	Physical Education .....	1
Home Economics 201, Dress-		Public Speaking.....	2
making .....	2	Elective.....	1
Physical Education.....	1		
Public Speaking 100 .....	2		

## THIRD YEAR

Chemistry 321, Quantitative		Chemistry 322, Food Analysis...	3
Analysis.....	3	Home Economics 300, Advanced	
Drawing 301, Architectural		Cookery.....	3
Drawing.....	2	Home Economics 312, Dietetics..	2
Education 311, Principles of		Sociology 200, Principles of	
Teaching .....	3	Sociology.....	3
Home Economics 300, Advanced		Home Economics 342, Special	
Cookery.....	2	Method.....	3
Sociology 200, Social Problems..	3	Elective.....	1
Elective .....	2		

## FOURTH YEAR

Home Economics 421, Advanced		Home Economics 402, Institu-	
Dress-Making.....	3	tional Cookery.....	3
Home Economics 411, Advanced		Home Economics 422, Millinery	2
Dietetics.....	2	Home Economics 432, House-	
School Administration 401, School		Furnishing .....	1
Organization in Secondary		School Administration 412,	
Schools.. ..	3	Organization and Administra-	
Teaching 400, Teaching Home		tion of Vocational Education..	3
Economics.....	2	Teaching 400, Teaching Home	
Elective .....	5	Economics.....	2
		Elective.....	4

## Conspectus of Two-Year Courses

For Conspectus of four-year courses leading to the degree of Bachelor of Science in Education see pp. 105 ff.

### A. Regular Grade Teachers

FIRST SEMESTER		SECOND SEMESTER	
*Agriculture 101, Elementary Agriculture .....	3	*Agriculture 101, Elementary Agriculture .....	3
Drawing 101, Public School Drawing .....	1	Drawing 102, Public School Drawing .....	1
Education 151, Psychology .....	3	Education 152, Principles of Teaching .....	3
English 151, Composition and Literature .....	3	English 152, Composition and Literature .....	3
*Geography 151, Home and World Geography .....	4	*Geography 151, Home and World Geography .....	4
*History 151, United States History .....	4	*History 151, United States History .....	4
*Mathematics 151, Mathematics for the First Six Grades .....	4	*Mathematics 151, Mathematics for the First Six Grades .....	4
Music 101, Elementary Music .....	1	Music 102, Elementary Music .....	1
Physical Education .....	½	Physical Education .....	½
15½ or 16½ hours must be carried		15½ or 16½ hours must be carried	
SECOND YEAR		FIRST SIX GRADES	
*English 271, Method in Grammar .....	1	Education 251, History of Education .....	3
*English 261, Reading and Language .....	2	Education 272, Educational Sociology .....	2
*Home Economics 101, Sewing and Cooking .....	3	*English 271, Method in Grammar .....	1
*Industrial Arts 201, Public School Handwork .....	2	*English 261, Reading and Language .....	2
Music 201, Public School Music .....	½	*Home Economics 101, Sewing and Cooking .....	3
Physical Education .....	½	*Industrial Arts 201, Public School Handwork .....	2
*Public Speaking 251, Reading Method .....	2	Music 202, Public School Music .....	½
*School Administration 251, School Organization in Elementary Schools .....	3	Physical Education .....	½
Teaching 250, Practice Teaching and Observation .....	5	*Public Speaking 251, Reading Method .....	2
Zoology 251, Sanitation and Health .....	3	*School Administration 251, School Organization in Elementary Schools .....	3
16 hours must be carried		Teaching 250, Practice Teaching and Observation .....	4
		16 hours must be carried	

## Seventh and Eighth Grades

Teachers for the seventh and eighth grades will take:

*English 271 .....	1
Observation.....	3
Physical Education .....	1
*Public Speaking 251 .....	2
*School Administration 251 .....	3
Teaching 250 .....	6
Zoölogy 251 .....	3

and 11 hours chosen from the following:

Agriculture .....	3	Library Economy.....	3
Economics.....	3	Mathematics .....	3
English .....	6	Methods in Primary Grades....	2
History and Civics.....	3	Music .....	1
Zoölogy .....	3		3

*Note*—Courses marked (\*) are one-semester courses, and may be taken in either semester.

## B. Industrial Education

## FIRST YEAR

## FIRST SEMESTER

Drawing 130, Object Drawing and Design .....	1
Drawing 150, Mechanical .....	2
Education 161, Psychology of Adolescence .....	3
English 100, Rhetoric and Composition .....	3
Industrial Arts 110, Wood- working .....	3
Mathematics 161, Trigonometry ..	3
Physical Education .....	1

## SECOND SEMESTER

Drawing 130, Object Drawing and Design.....	1
Drawing 150, Mechanical.....	2
Education 162, Principles of Teaching.....	3
English 100, Rhetoric and Composition .....	3
Industrial Arts 110, Wood- working.....	3
Mathematics 162, Shop Mathe- matics .....	3
Physical Education .....	1

## SECOND YEAR

Drawing 230, Constructive Design .....	1
Drawing 240, Descriptive Geometry.....	2
Education 211, History of Man- ual Arts and Vocational Education .....	2
Industrial Arts, 210, Cabinet Making.....	3
Industrial Arts (Elective) .....	2
School Administration 401, School Organization in Sec- ondary Schools .....	3
Teaching and Observation 401, Teaching Industrial Arts. ....	2

Drawing 230, Constructive Design .....	1
Drawing 240, Descriptive Geometry .....	2
Industrial Arts 210, Cabinet making .....	2
Industrial Arts 332, Special Method .....	3
Industrial Arts (Elective) .....	2
Education 412, Organization and Administration of Vocational Education .....	3
Teaching and Observation 402, Teaching Industrial Arts .....	2



Students are advised to take the four-year course (see page 110) and receive the degree of Bachelor of Science in Education, thereby placing themselves in line for the better teaching positions, especially in high schools.

The above course is arranged for those who must teach after two years of study. If possible students should take additional Industrial Education courses during the Summer Term of the University between their freshman and sophomore years.

Entrance to the *two-year* course is limited to students of some maturity or of manifest ability in mechanical work, or to those who have had teaching experience.

## C. Public School Music

### FIRST YEAR

FIRST SEMESTER		SECOND SEMESTER	
Drawing 100 .....	1	Drawing 100 .....	1
Education 151 .....	3	Education 152 .....	3
English 151 .....	3	English 152 .....	3
Music 110 .....	3	Music 110 .....	3
Music 120 .....	2	Music 120 .....	2
Music 130 .....	2	Music 130 .....	2
Music 140 .....	2	Music 140 .....	2
Physical Education .....	½	Physical Education .....	½

### SECOND YEAR

Music 210 .....	3	Music 210 .....	3
Music 220 .....	3	Music 220 .....	3
Music 230 .....	2	Music 230 .....	2
Music 240 .....	2	Music 240 .....	2
Teaching 270 .....	3½	Teaching 270 .....	3½
School Administration 251 .....	3	Education 251, History of Education .....	3

NOTE—Special fees are charged for private lessons in voice. The following rental fees for the use of instruments are required:

Piano: \$4 a semester, one hour each each day.

Pipe organ: \$7.50 a semester, one hour each day.

Extra hours *pro rata*.

## D. Home Economics

### FIRST YEAR

#### FIRST SEMESTER

Chemistry 100 or 110, General	
Chemistry .....	4
Drawing 121, Household Design.	1
Education 161, Psychology of	
Adolescence .....	3
English 150, Composition and	
Literature .....	3
Home Economics 111, Textiles..	2
Home Economics 210, Elemen-	
tary Cookery .....	2
Physical Education.....	1

#### SECOND SEMESTER

Chemistry 152, Elementary	
Household Chemistry.....	3
Drawing 122, Costume Design..	1
Education 162, Principles of	
Teaching.....	3
English 150, Composition and	
Literature .....	3
Home Economics 112, Sewing ..	2
Home Economics 132, Sanitation	1
Home Economics 210, Elemen-	
tary Cookery .....	2
Physical Education .....	1

### SECOND YEAR

Botany 241, Bacteriology.....	3
Chemistry 251, Elementary	
Household Chemistry, Organic	3
Drawing 221, House Planning ..	1
Education 211, History of Manual	
Arts and Vocational Education	3
Home Economics 201, Dress-	
making.....	2
Home Economics 300, Advanced	
Cookery .....	2
Teaching 280, Teaching Home	
Economics.. ..	2
Chemistry 262, Advanced	
Household Chemistry ..	2
Home Economics 222, Home	
Management .....	2
Home Economics 300, Advanced	
Cookery .....	3
Home Economics 312, Dietetics	2
Home Economics 432, House	
Furnishing .....	1
School Administration 412,	
Organization and Administra-	
tion of Vocational Education.	3
Home Economics 342, Special	
Method.....	1
Teaching 280, Teaching Home	
Economics .....	2

## E. Agricultural Education

(For township superintendents, principals, and science teachers in agricultural communities)

Upon the approval of the professor of Agricultural Education, and under his direction, a group of studies amounting to two years' work may be selected from the four-year course in agriculture, upon satisfactory completion of which a Teachers College diploma for special teachers in Rural Industrial Education will be granted.

## Courses of Instruction

The following pages show the organization of courses under:

(1) The Principles of Education, including Psychology, Principles of Teaching, History of Education and Educational Sociology; (2) Practice Teaching, including observation, conference, plan-writing and class-room teaching; (3) School Organization, including The Elementary Course of Study, School Room Management, School Laws; (4) Content and Method, under which will be found an alphabetical list of the courses.

### Principles of Education

JOHN WALTER HECKERT, Ph.D., Professor

FRED C. WHITCOMB, B. S., Professor

W. H. WILEY, A. M., Associate Professor

W. S. GUILER, A. M., Associate Professor

BLANCHE L. McDILL, A. M., Instructor

100. **PSYCHOLOGY AND ADOLESCENCE.** A course in general and applied psychology for those who are preparing to teach in high school. The first semester will treat, in a general way, of the elementary characteristics of consciousness and their relation to behavior. In the second semester the more advanced theories and recent experimental data bearing upon the special period of adolescence will be considered. Some work in experimental pedagogy, especially in high school subjects, will initiate the pupil into this promising field of applied psychology. Both semesters. Six hours credit. Mr. Guiler.
110. **PSYCHOLOGY AND ADOLESCENCE.** A course in general and applied psychology for those who are preparing to teach drawing, industrial arts, agriculture and home economics in high schools. Three hours credit. Mr. Whitcomb.
151. **PSYCHOLOGY, INCLUDING CHILD-STUDY.** Education as the control of conduct. The factors in the control of conduct: Instinctive tendencies, feelings and emotions, habits, thought and its product, organized experience. Nature of instincts and their significance in education. Nature of feelings, and emotions and their practical significance in conduct. The physical basis of mental life. Habitual behavior and the law of habit formation. Sensation as the process of supplying the mind with the raw materials of thought. Perception as the process of interpreting sensory impressions. Memory as the process of retention of experience. The imagination in relation to thinking. Thinking as a mode of controlling conduct: the process and its product.



CHILD-STUDY. A brief survey of the periods of development in the life of the child. Children's instincts and their function in the educative process. the development of intellect, of the moral nature, and of motor control. Heredity and abnormalities in children. First semester. Three hours credit. Mr. Heckert, Mr. Guiler, and Miss McDill.

152. PRINCIPLES OF TEACHING AND METHOD OF RECITATION. A course in the application of principles of general and educational psychology to the problem of teaching. Observation of teaching in the William McGuffey Schools and experimentation in class constitute a part of the work in this course. Method of the recitation: the principles of teaching applied to the problems of the recitation. A discussion of these problems. The application of the principles of teaching in the preparation of lesson plans in the several branches of the curriculum of the elementary school illustrated. Second semester. Three hours credit. Mr. Heckert, Mr. Wiley, and Miss McDill.
161. PSYCHOLOGY AND ADOLESCENCE. A course similar to Education 151 but arranged more expressly for those who are preparing to teach drawing, industrial arts, agriculture and home economics in elementary schools. A brief study is made of the adolescent period of child life. Three hours credit. Mr. Whitcomb.
162. PRINCIPLES OF TEACHING AND METHOD OF THE RECITATION. A course in the application of the principles of educational psychology to the problem of teaching. The course is similar to Education 152 but some attention is given to application of the principles of teaching to subjects in the practical arts. In treating the subject of the method of the recitation the peculiar needs of the practical arts are given attention. Lesson plans for both academic and practical arts subjects are worked out. Three hours credit. Mr. Whitcomb.
200. HISTORY OF MODERN EDUCATION. A study of present educational institutions, curricula, and aims in the light of their development since the Renaissance, with special emphasis on the evolution of secondary education, and city school systems in America. Lectures, required reading, discussions, and reports. Two hours credit. Mr. Guiler.
211. HISTORY OF THE MANUAL ARTS AND VOCATIONAL EDUCATION. The history and development of the practical arts in education, including the manual arts, home economics, industrial and vocational guidance, etc. After brief reference to the attitude of the ancient nations toward the practical in education, the course



- begins with the emphasis placed by the educational reformers in education. The course closes with consideration of modern tendencies in education. Three hours credit. Mr. Whitcomb.
212. **MODERN EDUCATIONAL TENDENCIES.** A course in the history of education in modern times. A course for students in the two-year courses in home economics and industrial arts. Second semester. Two hours credit. Not to be given in 1917-18. Mr. Wiley.
251. **HISTORY OF EDUCATION.** Education in the middle ages. Renaissance and humanistic education. The reformation and its influence upon education. Educational tendencies during the seventeenth and eighteenth centuries: realistic education; the disciplinary conception of education; the naturalistic movement represented by Rousseau. The psychological tendency as represented by Pestalozzi, Herbert, Froeble, and Rosmini. The scientific tendency. The sociological tendency. The present tendencies in education, especially in the United States. Either semester. Three hours credit. Mr. Wiley.
272. **EDUCATIONAL SOCIOLOGY.** The purpose of the course is to set forth the social influences of the school in developing the child's efficiency as a member of society: (a) of those within the school room, play ground, school garden, etc.; (b) of those obtained through the co-operation of home and school, i. e., mothers' and parents' meetings, educational associations, etc. Second semester. Two hours credit. Mr. Wiley.
301. **THE PRINCIPLES OF EDUCATION.** Educational aims and conditions essential to the educative process. Place of education in the life of the individual and in society. Function of the environment in education. Education conceived as direction, growth, preparation, formal discipline, etc. Nature working aims. Function of education in American society. (2) The process of education in the individual. Conditions of individual development. Learning by trial and error. The organization of experience by conscious methods or purposes. The problem of formal discipline. The significance of interest in the educative process. The importance and meaning of play. (3) The nature of method. (4) Nature and function of subject matter. (5) Educational agencies. Three hours. Mr. Heckert.
302. **THE PRINCIPLES OF TEACHING.** A study of the principles of teaching with special reference to their application in high school branches. Among the topics discussed are the following: The special function of the high school in the educative process; the several modes of learning in their application to high school

studies; the organization of lessons when the chief end in view is either drill, the development of concepts, or their application; training the high school student to think and organize materials; questioning; teaching pupils to study; preparation of lesson plans; measuring the results of teaching. Three hours. Mr. Heckert.

311. PRINCIPLES OF TEACHING. A course arranged for students preparing to teach drawing, industrial arts, agriculture and home economics in high schools. The problem of teaching, in its different aspects, is considered, particular attention being paid to problems arising in connection with teaching the practical arts. Lessons plans are prepared. Three hours credit. Mr. Whitcomb.

## Practice Teaching

JOHN WALTER HECKERT, Ph. D., Director  
Critic Teachers

250. REGULAR GRADE. Students prepare series of lessons and teach them in the William McGuffey Elementary School. This work is organized on two fundamental principles: (1) that the students must not fail in their practice teaching through any lack of preparation, and (2) that the development and establishment of right ideals and methods of teaching in the minds of the student teachers demand that the practice teaching be carried on under careful supervision and criticism, and that it extend over a considerable period of time. With these ends in view, the courses in history, geography, and English are offered in the first year, as are also the courses in psychology, the principles of teaching, the method of recitation, the history and teaching of mathematics, and the special method in history and geography. The special method in spelling, reading and literature is given during the second year. While the students are studying the principles of teaching, they are required to observe the teaching of critic teachers. In this manner they obtain a more comprehensive view of the meaning of these principles and also come to know the class-room situation. Finally, students are taught to plan lessons. Continuous teaching of about one-half hour daily begins with the sophomore year and continues to its close. During this time students are under the immediate direction of the critic teachers, to whom they are responsible for preparation and the actual teaching of lessons. During the entire year, however, students teachers, who require more care than the critic teachers are able to give them, will be in charge of the Director. Prerequisite, Education 150. Total credit for the year, nine hours.

260. INDUSTRIAL EDUCATION. Observation, making lesson plans and teaching under supervision in the William McGuffey Schools. Two hours credit. The Director and Mr. Selby.
270. PUBLIC SCHOOL MUSIC. Similar treatment of the course above. Three and one-half hours credit. The Director and Miss Sweet.
280. HOME ECONOMICS. Similar treatment of the course above. Two hours credit. The Director, Miss Hanna, and Miss Meadows.
290. AGRICULTURAL EDUCATION. Similar treatment of the course above. Two hours credit. The Director and assistant.
401. HIGH SCHOOL TEACHERS. Students desiring to prepare themselves for teaching in secondary schools will take their practice teaching in the William McGuffey High School. Candidates for practice teaching must have completed the course in the principles of teaching for secondary teachers. To assure thorough preparation in subject-matter they will be required to teach one of their majors, preferably the one in which they rank highest. A rank of "C" or less in any subject should in general be looked upon as a disqualification for teaching that subject. Students will teach one period of forty-five minutes per day—exclusive of laboratory periods—for twelve weeks. Either semester. Three hours credit. Director and high school critics.

## School Administration

HARVEY C. MINNICH, Ped. D., Professor

FRED C. WHITCOMB, B. S., Professor

251. SCHOOL ORGANIZATION IN ELEMENTARY SCHOOLS. A general discussion of the elementary course of study, its aim, and organization. A comparative study of schoolroom control and class organization; daily programs, attendance, school records; The School Code of Ohio. Either semester. Three hours credit. Mr. Minnich.
400. SCHOOL ORGANIZATION IN SECONDARY SCHOOLS. A study is made of the national, state and local factors in American secondary school organization and administration. The main features of the American secondary schools are compared with secondary education in France, Germany, and England. Courses of study for high schools are constructed and compared. School statutes relative to high schools; organization of high schools; internal control and cooperative agencies. Three hours credit. Mr. Minnich.



412. ORGANIZATION AND ADMINISTRATION OF VOCATIONAL EDUCATION. (a) Organization of this work in different kinds and grades of schools; (b) preparation of courses of study; (c) planning equipments to meet different conditions, with costs of same; (d) study of the school and industrial survey to determine courses to be offered. A thesis is required at the end of the course. Three hours credit. Mr. Whitcomb.

## Content and Method

### Agricultural Education

BENJAMIN MARSHALL DAVIS, Ph. D., Professor

GEORGE LITTLE, B. S., Associate Professor

JOHN ANKENY, B. S., Assistant Professor

VICTORIA CARSON, Assistant

101. ELEMENTARY AGRICULTURE. This course consists of a general survey of the principles of agriculture and their applications to farm practice. Illustrative material is selected and presented with special reference to use in instruction in elementary schools. Text: Davis' *School and Home Exercises in Elementary Agriculture*. One lecture and two laboratory periods. Either semester. Three hours credit. Mr. Davis, Mr. Ankeney, and Miss Carson.
201. SOILS. Properties, principles of fertility, and management. The course is introduced by brief physiological study of the plant and its relation to the soil and is followed by detailed studies of the soil as formation, types, physical and chemical properties, water, air, micro-organisms, fertilizers, drainage and tillage. Text: Lyon, Fippin, and Buckman's *Soils, their Properties and Management*. Prerequisite, Chemistry 100 or 110, or a good high school course. Two recitations and one laboratory period. First semester. Three hours credit. Mr. Davis.
202. PLANT BREEDING. Biological principles underlying plant and animal improvement, including an elementary study of genetics. Application of these principles in selection and improvement of plants and animals. Text: Bailey and Gilbert's *Plant Breeding*. Prerequisite, Botany 100 or a good high school course. Two recitations and one laboratory period. Second semester. Three hours credit. Mr. Ankeney.
301. ANIMAL NUTRITION. Physiology of animal nutrition, principles of feeding, study of feeding materials, and practice of feeding farm animals. Text: Woll's *Productive Feeding of Farm Ani-*



- mals*. Prerequisite, Chemistry 100 or 110 or a good high school course. First semester. Three recitations. Three hours credit. Mr. Davis. (Not given 1917-18.)
302. FARM ANIMALS. Study of livestock industry with reference to production and markets, classification of farm animals, their history and development, characteristics of various types and breeds, principles of stock judging. Text: Vaughan's *Types and Market Classes of Livestock*. Two recitations and one laboratory period. Second semester. Three hours credit. Mr. Little.
311. FARM MANAGEMENT. Application of principles of business organization to farm management in use of capital, labor, horses and farm machinery, and in buying and selling. Text: Warren's *Farm Management*. First semester. Three recitations. Three hours credit. Mr. Davis.
312. HORTICULTURE. Propagation and care of plants in orchard and garden. Two recitations and one laboratory period. Three hours credit. Mr. Davis.
310. METHODS OF INSTRUCTION. A course dealing with the problems of agricultural instruction in high schools. Particular attention is given to various methods of instruction and to the relation of the school to a rural community. Two recitations. Two hours credit.

## Drawing

See Industrial Education, page 139

## English

FRANCES GIBSON RICHARD, A. M., Associate Professor  
ADELIA WELLS CONE, A. B., Assistant Professor  
Critic Teachers

151. COMPOSITION AND LITERATURE. Theme writing. Drill in story telling. Literature for children, including Greek and Norse mythology, medieval Continental legends, the Arthurian cycle, the Robin Hood cycle, and miscellaneous stories from American history and literature. First semester. Three hours credit. Mrs. Richard.
152. COMPOSITION AND LITERATURE. Theme writing. Selections from modern literature of material for grade work. Organization of material by grades. Dramatization of grade material. Study of the short story, based upon a text-book and classical selections. Second semester. Three hours credit. Mrs. Richard.

251. COMPOSITION AND SPELLING. Composition: aims in teaching oral and written composition; the difficulties in the way; the materials upon which the work should be based; organization of thought as an element in composition writing; teaching form in language; effective ways of making corrections. Spelling: selection of words to be assigned for one lesson; facts pupils should know about each word; proper methods of teaching spelling from the point of view of psychology. One hour credit. (Not given in 1916-17).
261. READING AND LANGUAGE. What a good method of teaching reading ought to provide for; a criticism of various methods from this point of view; teaching pupils to read for thought, for expression, with fluency; the use of the "reader" in the upper grades; proper materials for reading in the several grades; methods of presenting literary wholes; what can be done to secure appreciation of good literature. Either semester. Two hours credit. Miss Woodley and Miss Hughes.
271. METHOD IN GRAMMAR. The purpose of the course in grammar; the proper sequence of topics of study; the selection of material for a motive; the inductive method of treatment. Either semester. One hour credit. Miss Cone.

## Geography

GEORGE WILSON HOKE, Ph. M., Professor

151. HOME AND WORLD GEOGRAPHY. A survey of the fundamental conditions of the home situation, and its relations to the larger geographic features of the world as a whole, from the standpoint of teaching in the elementary grades. Two recitations and two laboratory periods per week. Repeated each semester. Four hours credit.
251. REGIONAL GEOGRAPHY. A survey of the fundamental geographic conditions in selected areas of Eurasia and the Americas from the standpoint of teaching Geography in the upper grades. Two recitations and two laboratory periods per week. Repeated each semester. Four hours credit. (Not given in 1916-17.)

## History

CLARENCE EDWIN CARTER, Ph. D., Professor

151. THE HISTORY OF THE UNITED STATES TO 1790. Early American history from the period of discovery to the making of the Federal Constitution. Attention is given to such subjects as the Eu-

ropean background, motives for colonization, the life of the people, governmental institutions, the conflict between France and England for the control of North America, the relations of the colonies to the mother country, the American Revolution, the period of the Confederation and the organization of the Federal government. Four hours credit. One hour of the four will be devoted to methods of teaching history.

251. THE HISTORY OF THE UNITED STATES 1790-1915. Emphasis is laid on such topics as political parties, the slavery controversy, problems arising out of the civil war and reconstruction periods, and the social and economic development of the whole period. Three hours credit. Not given in 1916-17.

## Home Economics

MARTHA J. HANNA, A.M., Assistant Professor

ADA MEADOWS, A. M., Instructor

MABEL WEST, Instructor

101. COOKING AND SEWING. In two parts: First: *Cookery and Home Management*. This work will include: Preparation and serving of foods; food sanitation; marketing; household accounts. Lecture and laboratory work. 1½ hours credit. Miss Hanna and Miss West.

Second part: *Sewing and Handwork*. This course includes a brief study of cotton, linen, wool and silk fibers; a brief study of house furnishing. Laboratory work consists of darning, patching, use of commercial patterns, construction of simple garments and handwork. One and one-half hours credit. Miss Meadows.

111. TEXTILES. The production, properties, preparation and treatment of fibers used in textile manufacture. The historical development of spinning, weaving, and the modern processes of manufacturing. The laboratory work includes weaving, dyeing, chemical and microscopic tests of fibers. Characteristics of wool, cotton, linen, and silk materials are studied in order that the student may be a competent judge of the quality. One lecture and three hours laboratory work a week. First semester. Three hours credit. Miss Meadows and Miss West.
112. ELEMENTARY SEWING. The fundamental principles of drafting and cutting patterns from measurements. The making of garments from drafted and commercial patterns. The use and care of machines. Students furnish most of the material they use.



One lecture and four hours laboratory work a week. Drawing 121 is prerequisite and Drawing 122 must be taken as a parallel course. Second semester. Given in first semester, 1916-17. Three hours credit. Miss Meadows.

132. **SANITATION.** A study of water supply systems, sewers, disposal of waste, milk supplies, ice supplies, and shop sanitation in so far as their products entering the home may spread contagion; general sanitation of the home, disinfection, fumigation, cleanliness. One lecture a week. Second semester. One hour credit. Miss Hanna.
201. **DRESSMAKING.** Emphasis is placed on artistic and skillful hand sewing and on application of the principles of costume design. Problems are: making lingerie dress, tailored shirtwaist, and linen skirt. Course 201 is prerequisite. Students furnish most of the material they use. One lecture and five hours laboratory work a week. First semester. Given in second semester, 1916-17. Two hours credit. Miss Meadows.
210. **ELEMENTARY COOKERY.** A systematic study of the principles and methods involved in the preparation of food. The composition, production, manufacture and physiological value of the food stuffs of the world are considered. One lecture and three hours laboratory work a week. Two hours credit. Miss Hanna and Miss West.
222. **HOME MANAGEMENT.** The economic history of the household, the family income and its expenditure. Regulation of family expenditure. The budget system. \*Necessaries for efficient living. House maintenance, furnishings and equipment. Operating expenses. Cost of food and clothing. Thrift. Method of saving. Method of buying household and food supplies. Laundry work. One lecture and three hours laboratory work a week. Second semester. Given both semesters, 1916-17. Two hours credit. Miss Hanna.
301. **ADVANCED COOKERY.** Preservation of fruits and vegetables. Principles of cooking reviewed and applied independently. Advanced cookery. Cost, preparation and serving of formal meals in the home. Simpler meals for home and institutions. School lunches. Menu making. Course 210 is prerequisite. One lecture and six hours laboratory work a week. First semester. Three hours credit. Miss Hanna.
302. **ADVANCED COOKERY.** (continued). One lecture and three hours laboratory work a week. Second semester. Two hours credit. Miss Hanna.



312. **DIETETICS.** The purpose of this course is to present the fundamental principles of human nutrition and their application to the feeding of individuals, families and groups under varying physiological, economic and social conditions. The requirements of the individual in health and disease are dealt with in the light of the chemistry and physiology of digestion, the energy value of food, the nutritive properties of proteins, fats, carbohydrates and ash constituents. Typical dietaries are planned and prepared. Course 210 is prerequisite. One lecture and three hours laboratory work a week. Two hours credit. Second semester. Miss Hanna.
402. **INSTITUTIONAL COOKERY.** The purpose of this course is to give practice in handling materials in larger quantities for institutions. The course will include practice in planning and serving of meals of varying costs. Luncheons of minimum cost will be planned with regard to the demands of the school or cafeteria. Methods of buying for institutions—dietaries for institutions, and menu-making for institutions will be considered. One lecture and six hours laboratory work a week. Prerequisite, courses 210 and 300. Second semester. Three hours credit. Miss Hanna.
411. **DIETETICS.** A continuation of Home Economics 312. Required of students taking the four year course in Home Economics. One lecture and three hours laboratory work a week. Two hours credit. First semester. Miss Hanna.
421. **ADVANCED DRESSMAKING.** This course includes the making of a wool dress for school and a silk dress. Especial attention is given to the study of methods used in working on wool material and in giving student skill in handling silk and lighter materials such as chiffon and marquisette. Prerequisite is Home Economics 202. One lecture and six hours laboratory a week. First semester. Three hours credit. Miss Meadows.
422. **MILLINERY AND HANDWORK.** This course consists of the working out of several problems in handwork, designing, construction and trimming of hats, making of flowers, and the planning, designing and construction of pageant costumes. Course 101 and 120 are prerequisite. Second semester. Two hours credit. Miss Meadows.
432. **HOUSE FURNISHING.** The application of the principle of harmony in line, in dark and light, and in color to designs in interior decoration. Development of house, history of furniture, household textiles and application of good principles of home decoration to practical problems are taken up. Drawing 120 is prerequisite. One lecture a week. Second semester. One hour credit. Miss Meadows.

## Industrial Education

FRED CAMPBELL WHITCOMB, B. S., Professor  
MARY EDNA FLEGAL, B.S., Assistant Professor  
FOREST TOBIAS SELBY, B. S., Assistant Professor  
EDITH PALMER, Instructor  
GERTRUDE WALLACE, Assistant  
O. C. MARTIN, Assistant  
CLYDE PIERSON, Assistant  
WM. KLUBER, Assistant  
RICHARD GUBSCH, Assistant

### Drawing

100. PUBLIC SCHOOL DRAWING. The purpose of this course is to meet the needs of the grade teacher in art work. Elementary drawing and the principles of design with many applications are stressed. One hour credit. Miss Flegal and Miss Wallace.
110. OBJECT DRAWING AND SKETCHING. The emphasis in this course is placed upon the technical expression of art principles. Elementary perspective is also included. One hour credit.
121. HOUSEHOLD DESIGN. Arranged for Home Economics students. The application of principles of design is made to problems related to the house and home. One hour credit. Miss Palmer.
122. COSTUME DESIGN. Arranged for Home Economics students. The principles of design are studied in relation to dress. One hour credit. Miss Palmer.
130. OBJECT DRAWING AND ELEMENTARY DESIGN. A short course arranged for Industrial Arts students. (a) Elementary freehand perspective with the purpose of representing form in the drawing of objects and in out-door sketching. (b) Practical application of the principles of design in problems arising in Industrial Arts courses 110, 221 and 322. One hour credit. Mr. Whitcomb.
150. MECHANICAL DRAWING. (1) Technical freehand sketching, (2) freehand lettering, (3) orthographic projection, (4) simple working drawings, (5) pictorial representation, (6) tracings, (7) blue printing. Text: French's *Engineering Drawing*. Students may rent instruments. Two hours credit. Mr. Whitcomb and Mr. Pierson.
221. HOUSE PLANNING. Arranged for Home Economics students. (a) blue prints of a small house are copied to a different scale; (b) each student designs and makes the plans and specifications for a house; (c) the class studies the various problems which arise

in planning and building a house. One hour credit. Mr. Whitcomb.

230. CONSTRUCTIVE DESIGN AND FREEHAND PERSPECTIVE. The principles of design are studied and used in making a number of designs for furniture. Perspective drawings are also made from these designs. Text: Crawshaw's *Furniture Design*. Drawing 130 and 150 and Industrial Arts 110 are prerequisite. One hour credit. Mr. Whitcomb.
240. DESCRIPTIVE GEOMETRY. The student, having completed a course in practical mechanical drawing (Drawing 150), now studies the theory of orthographic projection. Problems relating to points, lines, planes, curved lines and surfaces are discussed in class and worked out in the drafting room. Text: Smith's *Practical Descriptive Geometry*. Two hours credit. Mr. Whitcomb and Mr. Pierson.
301. ARCHITECTURAL DRAWING. The drafting of a set of house plans is made the basis for the course. Drawing 130 and 150 are prerequisite. Two hours credit. Mr. Whitcomb and Mr. Gubsch.
302. MAP, TOPOGRAPHICAL DRAWING, ETC. (a) Mechanical perspective; (b) Shades and shadows; (c) Map and topographical drawing; (d) Patent office drawings. Drawing 130 and 150 are prerequisite. Texts. French and Smith used in previous courses. Two hours credit. Mr. Whitcomb.
400. MACHINE DRAWING AND DESIGN. An elementary course in this subject. Drawing courses 130 and 150 are prerequisite. Text: Reid's *Mechanical Drawing and Elementary Machine Design*. Two hours credit. Mr. Selby.

COURSES OFFERED 1916-17: 100, 121, 122, 130, 150, 230, 240, 301.

## Industrial Arts

110. WOODWORKING. From working drawings and blue prints, a number of simple pieces of woodwork are made. The correct use of tools is emphasized. By means of lectures, readings, drawings, and experiments, the following topics are considered: the classification, construction, use, and evolution of tools; forms of fastenings; wood finishings; seasoning of wood; lumbering; saw milling and forestry. Three hours credit. Four hours credit will be required of students who do not show superior ability in the work of this course. Mr. Selby and Mr. Pierson.



201. PUBLIC SCHOOL HANDWORK. A study of the different forms of handwork as related to grade work. These forms include paper and cardboard construction, modeling with clay, weaving, wood-working, etc. Either semester. Two hours credit. Miss Palmer and Miss Wallace.
210. CABINET-MAKING. From designs made in Drawing 230 (which should be taken as a parallel course), articles of furniture are constructed. Caning, upholstering, simple carving, inlaying, veneering and metal trimming are employed in the course. A study is made of the different styles and periods of furniture and of the joints used in a cabinet-making. Woodworking machines are used and studied. Industrial Arts 110 and Drawing 130 and 150 are prerequisite. Three hours credit. Mr. Selby and Mr. Gubsch.
221. WOOD-TURNING. A study of the lathe, turning tools, methods of turning and methods of finishing. Cabinet turning, including the processes of turning between centers, face plate, and chuck work. Two hours credit. Mr. Selby.
222. PATTERN-MAKING. Pattern turning and bench work, including some simple foundry work with soft metals. Two hours credit. Mr. Selby.
301. PAPER AND CARDBOARD WORK. The historic development of the paper industry. Constructive problems based on the use of paper and cardboard in connection with the principles of design. The articles made involve the processes of tearing, cutting, folding, mounting, pasting, weaving, and constructing. Two hours credit.
302. BOOKBINDING. The development of the bookbinding industry, together with a brief study of printing and lettering in connection with bookbinding, repairing of books, and making of pamphlets, tablets, and note-books. Two hours credit.
311. CONCRETE CONSTRUCTION. Practical work with concrete in its various uses is made the basis for the course. A study is made of cement, its properties and manufacture. Two hours credit. Mr. Selby and Mr. Martin.
312. BUILDING CONSTRUCTION. The erection of a small frame building is made the basis for the work of this course. A thorough study is made of building materials, of processes, of methods, and of the mechanics of carpentry. Some knowledge of the use of the common woodworking tools is prerequisite. Two hours credit. Mr. Selby and Mr. Martin.



321. SHEET METALWORK. The work is largely elementary tinsmithing but not confined to this industry. Two hours credit. Mr. Selby.
322. ART METALWORK. Sheet copper and sheet brass are used as the chief materials. Instruction is given in bending, sawing, filing, riveting, soft and hard soldering and hammering. Decoration by means of piercing, etching, chasing, embossing, flame and acid coloring, and enameling. Two hours credit. Mr. Selby.
332. SPECIAL METHOD. Problems arising in teaching the industrial arts in elementary and high schools. The courses in industrial arts as given in the Wm. McGuffey schools are made the basis for this study. Three hours credit. Mr. Whitcomb.
400. CLAY MODELING AND POTTERY. A study of the principles of design, with clay as the medium of expression. The study of form and construction is arranged in a series of progressive lessons, beginning with simple lines and masses, in moulding, repeated borders, and pottery. The course has direct relation to the industrial arts and to pottery, but is also designed to meet the needs of teachers in elementary schools. Two hours credit.
411. FORGING. An elementary course in forging, including the usual processes of drawing, bending twisting, upsetting, welding, and shaping of wrought iron and soft steels, and the annealing, hardening, tempering and working of high carbon steel. Two hours credit. Mr. Selby.
412. BENCH METALWORKING. A number of processes of bench work with cold metal are considered, such as chipping, filing, fitting, polishing, drilling, riveting, and threading. Two hours credit. Mr. Selby.
420. PRINTING. Practical work: (a) composition, (b) distribution, (c) imposition, (d) proof reading, (e) presswork, (f) job printing, and (g) methods of illustrating. Class work and readings: (a) historic methods of transmitting knowledge, (b) discovery of movable type, (c) invention of the printing press, (d) composition of ink, (e) monotype and linotype machines, (f) methods of illustrating, etc. Two hours credit. Mr. Kluber.

COURSES OFFERED 1916-17: 110, 201, 210, 311, 312, 321, 412.

## Mathematics

THOMAS LYTLE FEENEY, A. M., Professor

151. **MATHEMATICS FOR THE FIRST SIX GRADES.** The nature of number and the various methods of presenting number facts and processes are considered. The theories of Pestalozzi, Grube, Fitzga, Dewey and others are discussed as far as time permits and a rational method of procedure worked out in the class. The written processes with integers are worked over, common and decimal fractions taken through the fundamental operations and the tables of weights and measures applied to the solution of problems arising in life. For freshmen in the course for grade teachers. Either semester. Four hours credit.
161. **INDUSTRIAL MATHEMATICS.** One-third of the time is devoted to shop mathematics including problems in house-building, forging pulleys, belts and speeds; and two-thirds to plane trigonometry. For students in manual training. First semester. Three hours credit.
162. **INDUSTRIAL MATHEMATICS.** The first two-thirds of the time are devoted to analytics and the remaining time to shop mathematics including problems in pattern-making, foundry practice, the micrometer and the slide rule, general mensuration. For students in manual training. Second semester. Three hours credit.
251. **MATHEMATICS FOR THE SEVENTH AND EIGHTH GRADES.** Percentage is taught to show how topics in pure numbers are handled. The functions of a bank, the organization of a stock company, a village bond issue, local taxes and insurance are discussed to indicate a rational method of presenting topics in applied arithmetic. The proper place of algebra and geometry in the grades is carefully considered. For sophomores in the course for grade teachers. Elective. Three hours credit. Not given in 1916-17.

## Music

AUBREY W. MARTIN, Director and Associate Professor

JOSEPH W. CLOKEY, A. B., Instructor

SARA NORRIS, A. B., Instructor

MABEL BEATRICE SWEET, Instructor

100. **ELEMENTARY MUSIC.** A course in the fundamental principles of musical structure. Study of notation with frequent drills in rapid

sight reading based on the best public school music material. Memorizing, reading and writing melodies. General topics: music, tone, rhythm, melody, interpretation, and appreciation. One hour credit. Mr. Martin, Mr. Clokey, Miss Norris.

110. SUPERVISOR'S COURSE IN ELEMENTARY MUSIC. Similar in subject-matter to Music 100, but more comprehensive in character. The course is planned to serve as an introduction to the study of harmony. A great deal of reference work is required and creative work is encouraged. The course covers fully all problems in musical structure, tone, rhythm, melody, interpretation, and appreciation which may reasonably be expected to confront the supervisor in a modern school system. Tapper's *First Year Musical Theory* is used as a basis for the course. Three hours credit. Mr. Martin.
120. SUPERVISOR'S COURSE IN PUBLIC SCHOOL MUSIC. Covers fully all the topics found in Music 200, and adds an intensive study of upper grade and high school work as outlined in the following general topics; two-, three-, and four-part singing; care and preservation of the boy's voice; the bass staff, development of bass and tenor voice; departmental music; survey of best music for grammar grades and high school; conducting and management of choruses; arrangement of teaching material; lesson plans and observation work. Students are required to consult a great many references including such works as *School Music Teaching*, Giddings; *Education through Music*, Farnsworth; *The Child Voice in Singing*, Howard; and others. Two hours credit. Mr. Martin and Miss Sweet.
130. SINGING. A study of fundamentals of good voice production. Vocal studies and part-songs. Individual and class work. Student rehearsals. Two lessons and six to eight hours work required each week. Two hours credit. Mr. Martin.
140. PIANO PLAYING. Technical and interpretative studies in piano playing, and study of the less difficult piano literature of the old and modern schools. Work in sight reading to cultivate the playing of an accurate and of a sympathetic accompaniment to hymns, part-songs, and solos. Individual and class work. Student rehearsals. Two lessons and six to twelve hours work required each week. Two hours credit. Mr. Clokey.
200. PUBLIC SCHOOL MUSIC. General topics: relation of music to public education. General principles of teaching school music. Survey of current school music courses. Course of study for



elementary schools. Methods of teaching. Prerequisite, Music 100. One-half hour credit. Mr. Martin and Miss Sweet.

210. **HARMONY.** A course in musical composition and analysis. Study of the formation, connection, and resolution of the fundamental chords, chromatically altered chords, and augmented sixth chords. Suspensions, ornamental tones, sustained tones, and modulation. Cadence formulas and harmonic analysis. Memorization of chords and chord functions. Invention and harmonization of melodies in different voices. Composition in the unitary, binary, ternary, minuet, march, waltz, theme with variations, and rondo forms. The course is based on Richter's and Tapper's *Manuals of Harmony*. Prerequisite, Music 100. Three hours credit. Mr. Clokey.
220. **HISTORY OF MUSIC.** A course in the evolution of music. General topics: primitive music and music of the ancient cultured nations, catholic church music, medieval music, development of choral music, German and English protestant music, musical instruments and the growth of instrumental music, and the invention and evolution of the opera. Study of the following great master composers, and their relation to the musical movements of the time: Bach, Handel, Gluck, Hayden, Mozart, Beethoven, Weber, Schubert, Schumann, Mendelssohn, Chopin, Berlioz, Liszt, and Wagner. Recent composers and music in the different national groups. The course is copiously illustrated and is based on Dickinson's *The Study of the History of Music*. Prerequisite, Music 100, or its equivalent. Three hours credit. Mr. Martin.
230. **ADVANCED SINGING.** The development of vocal technique. Continuation of vocal studies and part-songs. Individual and class work. Student rehearsals. Two lessons and six to twelve hours work required each week. Two hours credit. Mr. Martin.
240. **ADVANCED PIANO PLAYING.** The development of piano technique. Study of the more difficult piano literature of the old and modern schools. Pipe organ playing for sufficiently advanced students. Individual and class work. Student rehearsals. Two lessons and six to twelve hours work required each week. Two hours credit. Mr. Clokey.
104. **THE GLEE CLUB**, organized in 1907, gives annually a program of the best part-songs, choruses, and ballads written for men's voices. Membership is limited to thirty voices chosen from the Arion Choir. Students who can both sing and play some orchestral



instrument, including the piano, are especially desired. Credit not to exceed two semester hours for the entire year is given according to the quality of work accomplished. Rehearsals, Wednesday and Friday evenings, 6:45-7:45 o'clock. Mr. Martin.

114. THE MADRIGAL CLUB, organized in 1908, gives annually with a visiting soloist a program of the best part-songs, choruses, and cantatas written for women's voices. Membership is limited to thirty voices chosen from the Arion Choir. Credit not to exceed two semester hours for the entire year is given according to the quality of the work accomplished. Rehearsals, Tuesday and Thursday evenings, 4:00-5:00 o'clock. Miss Norris.
124. THE ARION CHOIR, organized in 1911, gives annually a cantata or oratorio with visiting soloist and combination pipe organ and piano accompaniment. Membership is limited to two hundred voices chosen by competition open to all the students of the University. In 1916-17 the famous Manzoni Requiem, by Verdi, is given, with piano and organ accompaniment. Rehearsals, Monday evenings, 6:45-7:45 o'clock. Mr. Martin and Mr. Clokey.
134. THE CHAPEL CHOIR, organized in 1911, sings at the regular Chapel and University services. A Processional and Recessional in vested costume are sung in the latter service. The members are chosen from the Glee and Madrigal Clubs. Rehearsals, Saturday, 11:30-12:00 o'clock. Mr. Martin and Mr. Clokey.
154. THE UNIVERSITY ORCHESTRA, organized in 1915, gives annually a public concert and provides accompaniments for the concerts of other musical organizations. The membership is limited to thirty-five and admission is by individual try-out at the beginning of the first semester. Pupils who can play the oboe, viola, horn, cello or string bass are especially desired. Rehearsals, Tuesday and Thursday evenings, 6:45-7:45 o'clock. Mr. Clokey.

## Physical Education

ALFRED BRODBECK, Professor  
GEORGE E. LITTLE, B. S., Associate Professor  
CELIA G. CARROLL, Instructor

The object of this department in the Teachers College is two-fold: first, to give the student such supervision and instruction as will enable her to secure and conserve her own health by intelligent attention to the laws of health and hygiene, and to aid her, through her own efforts, to keep her body in the best physical condition possible; second, to train her to

become a capable worker in school gymnastics or calisthenics and in school-yard and playground supervision.

To these ends special indoor and outdoor exercises, games, and dances are used according to the season, the needs of the students, or the stage of the course. Special application of this training, and supervision in all forms of exercises, plays and games in grade, high school, and playground work is given by interclass and intergroup contests and field-days arranged at various times during the year and also by exceptional opportunities afforded by the practice teaching in the William McGuffey Schools.

It is supplemented by study of courses of instruction in physical training and hygiene, of plans of playgrounds and school-yards, and of equipment of playgrounds and gymnasiums.

Instruction in hygiene is given one hour each week during the second semester of the freshman year. This course consists of lectures and sanitary excursions. The lectures comprise personal hygiene, analysis of air, soils, water, adulterations of foods, milk supplies and products, transmission of diseases, immunity, heredity and eugenics, industrial and occupational diseases, etc.

## Public Speaking

ARTHUR LOREN GATES, A. M., Professor

251. **READING COURSE FOR TEACHERS.** The study of the expression of the simplest styles of literature—narration, description, etc. The use of the teacher's voice in the school room. Methods outlined and practice required for the development of tone in the speaking voice. Two hours credit. Mr. Gates.

## Zoology

STEPHEN RIGGS WILLIAMS, Ph. D., Professor

251. **SANITATION AND HEALTH.** Emphasis is placed upon important life processes as related to intelligent care of the human body. Attention is given to school health and sanitation. The subject is presented chiefly by means of laboratory experiments, many of which may be adapted by teachers for use in elementary schools. Two recitations and one three-hour laboratory period a week. Three-hours credit. Mr. Williams.

## Candidates for the Degree Bachelor of Science in Education

### Senior Class

Bonebrake, Margaret.....	Hamilton	Jordan, Alta.....	Moody, Tex.
Conwell, Helen .....	Oxford	Martin, O. C.....	Sardinia
Diener, Urban.....	Celina	*Moery, Marguerite.....	Franklin
Foulkes, Thomas .....	Columbus Grove	Noggle, Glenn.....	Oxford
*Geeting, Asa.....	Oxford	Waggoner, Walter.....	Oxford
Geeting, Winona Pearl.....	Oxford		
Hanlon, Ann.....	Oxford		

Total 12: Men 6; Women 6.

### Junior Class

Andrews, Marie .....	Conneaut	Laird, Gladys.....	Amelia
Ankeney, Winnifred.....	Xenia	Lawrence, Vernie.....	Oxford
Applegate, Herschel C.....	Ansonia	McClellan, George .....	Eaton
Black, A. E.....	Oxford	McCurdy, Zada.....	Bryan
Blair, Gertrude.....	Cincinnati	Manrod, Carl.....	Oxford
Brown, Helen.....	Sidney	Pierson, Clyde.....	Oxford
Carson, Victoria.....	Oxford	Snyder, Helen.....	Mansfield
Cetone, Estella.....	Oxford	†Spinning, Mary.....	Springfield
Cookson, Ernestine.....	Troy	Stults, Emma.....	Middletown
Cornell, Arretha .....	Glendale	Thomas, Helen .....	Trenton
Curran, W. G.....	Kings Mills	Townley, Ruth E.....	Wyoming
Cuthbert, Opal .....	Dayton	Trovillo, Ella.....	Dayton
Eby, Edith.....	West Elkton	Venn, Alice .....	Ludlow, Ky.
Edwards, Helen.....	Marysville	Von Kanel, Amy.....	Hamilton
Geeting, Smith.....	Oxford	Werner, Wilbur .....	Covington, Ky.
Gilbert, Edna.....	Okeana	Wheatley, Eda.....	Dayton
Grafft, Jane.....	Trenton	Wheatley, Genoa .....	Dayton
Henderson, Esther.....	Marysville		
Klipple, Annitta.....	Brookville, Ind.		

Total 35: Men 9; Women 26.

### Sophomore Class

Feeney, Alice.....	Oxford	Moreton, Louise.....	Moscow
Foreman, Lucille.....	Marion	Murray, Rheba .....	Oxford
Freudenberger, Myra .....	Cincinnati	Paxton, Annis.....	Camden
Hale, Robert.....	Mansfield	Rapp, Mildred.....	Eastwood
Hasselbach, Blanche.....	Fremont	Rothhaar, Mildred.....	Dayton
Horn, Harold.....	Dayton	Schmidt, Esther.....	Dayton
Hulick, Mary.....	Oxford	Shepherd, Goldie .....	Michigan City, Ind.
Hull, Alice.....	Mount Vernon	Venn, Jessie.....	Ludlow, Ky.
Jobes, Mabel .....	Greenville	Venning, Helen .....	Cincinnati
Lease, Leland .....	East Liberty	Weaver, Marion .....	Cincinnati
McKenzie, Mabel.....	Dayton	Willey, Mary.....	Cincinnati
McVey, Ruth.....	Oxford	Williams, Margaret.....	College Corner
Men Muir, Helen.....	Connersville, Ind.		
Milbourne, Donna .....	North Baltimore		

Total 26: Men 3; Women 23.

\*These students are not in residence but have finished their work in the summer or in absentia.

†Withdrew within two weeks.

Not in residence.



## Freshman Class

Name	Address	High School	Credits	Class Rank 1st Semester
Allen, Marian	Springfield	Springfield	15	41
Apple, Chas. H.	Oxford	Farmersville	15½	10
Bateman, Dorothy	Hamilton	Hamilton	16	57
Bay, Hazel	Wapakoneta	Wapakoneta	17	38
Betz, Margaret	Hamilton	Hamilton	16	16
Bornhorst, Marie	Minster	Minster	20	7
Brand, Marie	Dayton	Stivers	16	58
Brundige, Ernest	Kingston	Kingston	16	54
Brunsmann, Walter M.	Cincinnati	Hughes Night	14	17
Clark, Jean	New Richmond	New Richmond	17	28
†DeVore, Lucille	Jewett	Jewett	15	*9-15-16
Duncan, Margaret	Sidney	Sidney	16	52
Early, Mary Ellen	Dayton	Steele	15	45
Eberle, Violet	Cincinnati	Woodward E.High	15	12
Farquhar, Floyd	Oxford	Morgan Twp	15½	8
Fauster Helen	Paulding	Paulding	16½	35
Fillager, Elsie	Hamilton	Hamilton	16	25
Fleischer, Helen	Oxford	McGuffey	17	17
Foster, George	Williamsburg	Williamsburg	15½	47
Frost, Ethel	Norwood	Norwood	16	4
Heidinger, Ruth	Dayton	Butler Twp	16	26
Hiers, Glen S.	Oxford	Connersville	15½	5
Hine, Beatrice	Harrison	Harrison	17	33
Hitchcock, Helen	Bluffton, Ind	Bluffton	17	49
Hoffman, Pauline E.	West Carrollton	Steele	16½	30
Hornung, Lloyd	Connersville, Ind.	Connersville	15	22
Hoyle, Rachael	Sidney	Sidney	16½	21
Iams, Ruth	Trotwood	Madison Twp	15	32
Jentz, Hermann	Blue Ash	Woodward	16½	*12-20-16
Johnston, Bates	Dayton	Woodward	17½	24
Kerr, Frances	Aurora, Ind	Aurora	16½	48
King, Elsie	Oxford	Oxford	17½	15
Kochenderfer, Minnie	Ashtabula	Millersburg	16	11
Lindsley, Evangeline	Dayton	Puyallup, Wash	18½	6
Luger, Clarice	Dayton	Steele	18	27
McCurdy, Mary	Osborn	Osborn	16	51
Michael, Margaret	Bellaire	Bellaire	15	23
†Miller, Lillian	Dayton	Steele	16	*9-25-16
Mitchell, Elizabeth	Oxford	Georgetown	15½	1
Morehead, Margaret	Greenfield, Ind.	Greenfield	15½	50
Neer, Wilmae	Dayton	Steele	15½	19
North, Mary	Vandalia	Butler Twp	16½	25
Patrick, Isabel	Mechanicsburg	Pike Twp	15	55
Pettit, Leola	Cincinnati	Madisonville	18	36
Prather, Hazel	Dayton	Steele	16	31
Rethlingshafer, Dorothy	Hamilton	Hamilton	18	9
Roberts, Paul	Lewisburg	Harrison Twp	15	37
Robertson, Gertrude	Norwood	William Penn	19	29
Ross, Oran	Eaton	Eaton	16	20

\*Withdrew.

†Withdrew within two weeks.



Name	Address	High School	Entrance Units 1st Semester	Class Rank
Seim, John	New Lebanon	West Alexandria	15	18
Shreffler, Lydia	Fremont	Fremont	15½	2
Smith, Helen	Dayton	Steele	15½	3
Stephenson, Helen	Oxford	McGuffey	16	42
Streamas, Emmeline	Hamilton	Hamilton	16	34
Todd, Martha	Oxford	Oxford	14½	46
Unger, Esther	West Alexandria	West Alexandria	16	39a
*Watterson, Mary	Continental	Continental	16	
Weber, Miriam	Springfield	Springfield	16	43
Weible, Norma	College Corner	Union H. S.	15	59
Whitker, Ruth	Bowling Green	Bowling Green	16½	56
Wilson, Helen	Camden	McGuffey	16	53
Wilson, Josephine	Greenfield, Ind.	Greenfield	14	60
Wolf, Marie	Cincinnati	Woodward	16	40a
Wood, Carolyn	Versailles	Versailles	17	44
Total 61: Men 12; Women 49.				

### †Irregular Students—Bachelor of Science in Education

Name	Address
Henderson, Howard	Oxford
Rush, Jesse James	Palestine
Woodruff, Russell	Oxford

Total 3: Men 3; Women 0.

## Teachers College

### Sophomore Class

Albright, Willard	Germantown	Chapman, Esther	Hamilton
Anderson, Mary E.	Portsmouth	Cochran, Doris	Delaware
Angst, Alice	Hamilton	Connor, Helene	Hamilton
Arbogast, Catherine	Springfield	Cooper, Ferne	Eaton
Armstrong, Anna B.	St. Marys	Craig, Helen	Dayton
Bailey, Esther	Eaton	Dachenbach, Marie	De Graff
Barton, Florence	Wabash, Ind.	Dawson, Doris	Clarksburg
Berkheimer, Hortense	Greenville	Deaton, Lois	New Carlisle
Best, Helen	Greenville	Deaton, Lucile	New Carlisle
Bickmore, Mrs. Mary	Hamilton	Donnelly, Ruth	Cincinnati
Blair, Agnes	Middletown	Doughman, Neva	Cozaddale
Boyer, Frances	Bellefontaine	Douthit, Mildred	Bloomington, Ind.
Braunecker, Helen	Cincinnati	Duke, Flora	Ruthven, Ont., Can.
Braunschweiger, Miriam	Troy	Duke, Lorna	Ruthven, Ont., Can.
†Briner, Leta	Bellevue	Dungan, Elizabeth	Richwood
Burns, Helen	Cincinnati	Dunn, Ialo	Georgetown
Butler, Dorothy	Dayton	Elliott, Ruth	Lima
Cadwallader, Edith	Sharonville	Ellsberry, Marjorie	Bethel
Carson, Marjorie	Oxford		

\*Withdrew within two weeks.

†Irregular Students have less than 14 units of preparatory work.

†Not in residence.

Emmel, Grace.....	Chillicothe	Miller, Grace.....	Eaton
Fach, Marie.....	Steubenville	Miller, Marie.....	Mulberry, Ind.
*Fichter, Edith.....	Cincinnati	Mitchell, Grace.....	Oxford
*Fichter, Mabel.....	Cincinnati	Mitchell, Nell.....	Norwood
Firestone, Maxine.....	Middle Branch	Molyneaux, Martha.....	Oxford
Fitzgerald, Katherine.....	Greenville	Morris, Mildred.....	Bradford
Ford, Jennie.....	Rising Sun, Ind.	Mount, Ruth.....	Carlisle
Ford, Kathryn.....	Mansfield	Mumma, Ethel.....	Dayton
Ford, Lucille.....	Rising Sun, Ind.	Mumma, Orpha.....	Dayton
Fox, Ruth.....	Woodstock	Neff, Frances.....	London
Frye, Agnes.....	New Richmond	Ogden, Edna.....	Oxford
Godfrey, Susan.....	Oxford	Page, Florence.....	Felicity
Goodall, Irene.....	Versailles	Palmer, Majorie.....	Mansfield
Gregg, Helen.....	Upper Sandusky	Parks, Anna.....	Marion
Grinnell, Albert A.....	Medina, N. Y.	Peck, Shirley.....	Ashtabula
Hagen, Brittie.....	Middletown	Purdy, Bernice.....	Sardinia
Hahne, Helen.....	Fairmount, Ind.	Ray, Helen.....	New Madison
Hardy, Effie M.....	Norwood	Santrock, Nora.....	Doylestown
Hawkins, Elizabeth.....	Connerville, Ind.	Scharer, Ruth.....	Toledo
Helleshush, Elizabeth.....	Hamilton	Scheidt, Bertha.....	Van Wert
Hill, Ethel Stuart.....	Cincinnati	Schnorrenberg, Kathryn.....	Steubenville
*Hill, Mrs. Inez.....	Bellevue	Schwab, Edna.....	Ripley
Hoffman, Anita.....	Norwood	Seibert, Sarah.....	Urbana
Horan, Nellie M.....	Loveland	Sheckler, Helen.....	Kenton
Howell, Lucille.....	Bellevue	Smith, Priscilla.....	Marion
Huber, Alma.....	Harrison	Snyder, Edith Ellen.....	Collinsville
Huber, Martha.....	Ottawa	Sowers, Alice.....	Germantown
Jennings, Charles.....	Cincinnati	Sparrow, Pauline.....	Springfield
Johnson, Hazel.....	New Vienna	Springer, Elsie.....	Celina
Johnson, Orlena.....	Hamilton	Starr, Clarabel.....	Bellevue
Johnson, Stella.....	Bantam	Steinkemper, Amanda.....	Sidney
Kinsey, Velma.....	Dayton	Stephenson, Ruth.....	Oxford
Kleinknecht, Pauline.....	Cherry Fork	Stoeher, Florence.....	Dayton
Klepinger, Miriam.....	Dayton	Stone, Eleanor.....	Mansfield
Kline, Harriet.....	Eaton	Sullivan, Mary.....	Steubenville
Klingman, Ruth.....	Portsmouth	Todd, Anna.....	Oxford
Kluber, Wm.....	Cincinnati	Trik, Elsie.....	Bellevue, Ky.
Kunschik, Emilie.....	Cincinnati	Trumbo, Gail.....	Donnelsville
Laffey, Frances.....	Madeira	Voigt, Etta.....	Cincinnati
Landman, Gladys.....	Piqua	Wade, Mary.....	Wilmington
Long, Virginia.....	St. Paris	Walker, Luella.....	Cincinnati
McAvoy, Irene.....	Cincinnati	Westfall, Alma.....	Greenville
McBeth, Mabel.....	Georgetown	White, Helen.....	Troy
McKibben, Mary M.....	Georgetown	Wogaman, Mildred.....	Greenville
Markley, Abigail.....	Lima	Yates, Leah.....	Bellevue
Michael, Lois.....	Bellaire		

Total 128: Men 4; Women 124.

\*Not in residence.

## Freshman Class

Name	Address	High School	Entrance Units
Anderson, Alice M.	Anderson	Chillicothe	16
Artz, Ruth M.	Agosta	Marion	16
Barnes, Anna	Oxford	Elwood	17½
Belt, Florence	Lancaster	Lancaster	16
Berry, Ruth Naomi	Greenville	St. Paris	16½
Betscher, Sadie	Hamilton	Hamilton	17
Bower, Teresa	Rushsylvania	Rushsylvania	15½
Boyd, Marie	Bellefontaine	Bellefontaine	16
Boyer, Catharine	Greenville	Greenville	15½
Burdorf, Henriette	Norwood	Norwood	15½
Casebolt, Mamie	De Graff	De Graff	16
Chamberlain, Editha	Mt. Victory	Bellefontaine	15½
Clemons, Gladys	Milford	Milford	15
Coulter, Marjorie	Oxford	Wm. McGuffey	16
Counts, Rebecca	Chillicothe	Chillicothe	16
Couzzins, Florence	Oxford	Oxford	16
Cowdrey, Harriet	Williamsburg	Williamsburg	16
Crawford, Ruth	Cincinnati	Madisonville	16
Critzer, Marie	Toledo	Waite	15
Culbertson, Mary	Greenville	Greenville	18½
Curry, Frances D.	Milford	Milford	17
Custer, Lillian	Hamilton	Hamilton	16
Daehler, Florence	Portsmouth	Portsmouth	16½
Dare, Ruth	Morrow	Morrow	17½
Davidson, Minnie	Hamilton	Hamilton	16
Davis, Artea Pauline	Mansfield	Mansfield	16
Davis, Hazel Belle	Liberty, Ind.	Liberty	16
Dawson, Marguerite	Portsmouth	Portsmouth	16
Dettwiller, Ruth	Georgetown	Georgetown	16
Devine, Eda	Bellefontaine	Belle Center	15
Doty, Marguerite	Oxford	Wm. McGuffey	16
Dreyer, Alberta	Toledo	Waite	16
Elder, Della	Belle Center	Belle Center	15½
Estabrook, Margaret	Dayton	Steele	15
Falkenstein, Dorothea	Hamilton	Hamilton	16
Finch, Marian	Oxford	Central, Washington, D. C.	15
Finlay, Edna Mary	Collinsville	Hamilton	17
Flora, Winifred	South Charleston	South Charleston	16
†Focht, Hazel	Wapakoneta	Ferris Institute	18
Foley, Nannie	Portsmouth	Portsmouth	15
Ford, Margaret	Oxford	C. E. Emmerich, Indianapolis	15½
Foster, Margaret	Fremont	Fremont	18
Frysinger, Edna	Napoleon	Napoleon	16
Glidewell, Florence	Oxford	Wm. McGuffey	16
Good, Pauline	East Cleveland	Shaw	15
Gorsuch, Audrey	Kyle	Lemon Twp	17
Gottschalk, Luella	Napoleon	Napoleon	16
Greene, Leona	Toledo	Waite	15
Groce, Helen	Circleville	Everts	17
Haag, Sarah	Oxford	Wm. McGuffey	16
Hale, Edith	Troy	Troy	17½

†Withdrew within two weeks.



Name	Address	High School	Entrance Units
Hanke, Grace.....	Garrettsville .....	Garrettsville .....	15
†Hare, Mary.....	Harpstre.....	Upper Sandusky .....	15
Hartlieb, Lucille.....	Norwood.....	Norwood.....	15½
Hartman, Florence.....	Lockland.....	Lockland.....	16
Herner, Laura .....	Monroeville .....	Monroeville .....	16½
Hirn, Mary .....	Chillicothe .....	Chillicothe.....	16
Howard, Eva .....	Hamilton.....	Hamilton .....	16½
Howard, Florence .....	West Middletown .....	Middletown .....	16
Huerkamp, Marjorie.....	Cincinnati.....	Ursuline Academy.....	16½
Hundley, Esther .....	Weston.....	Weston Village.....	15
Ihrig, Ruth.....	Springfield.....	Springfield .....	17½
Jeffery, Luella.....	Kalida.....	Kalida .....	15½
Kiel, Genevieve.....	Dayton.....	Butler Twp.....	16½
†Kientz, Florence.....	Glouster.....	Glouster.....	16
Killian, Marjorie.....	Sidney.....	Sidney.....	15¾
King, Avis .....	Franklin.....	Franklin.....	16½
Kingery, Elsie.....	Norwood.....	Norwood.....	15½
Knapp, Elizabeth.....	Norwalk.....	Norwalk.....	16
Kohler, Elaine.....	Hamilton.....	Hamilton .....	16½
Kurtz, Dorothy.....	Dayton.....	Harrison Twp.....	15
Laird, Ruth.....	Fairhaven.....	Dixon Twp.....	16½
Langdon, Clara .....	Sabina.....	Sabina.....	16½
La Rue, Garnette.....	Connersville, Ind.....	Connersville .....	15½
Laxford, Mildred.....	Cincinnati.....	Hartwell.....	16
Lippman, Bertha.....	Steubenville.....	Steubenville .....	15½
Lydenberg, Russell.....	Dayton.....	Stivers Manual Tr.....	15½
Lytle, Louise.....	Batavia .....	Batavia.....	16½
McClellan, Ruth.....	Hamilton.....	Hamilton.....	16
McDowell, Merle.....	Piqua.....	Piqua.....	15
McFerran, Eva Marie.....	Greenville.....	Greenville.....	15½
McKibben, Nellie.....	Georgetown.....	Georgetown.....	15½
Marshall, Lucille.....	Georgetown.....	Georgetown.....	16
Marts, Mary.....	West Middletown.....	Middletown.....	16
Meissner, Mabel.....	Urbana.....	Urbana.....	15
Miller, Margaret.....	Miamisburg.....	Miamisburg .....	16½
Mitchell, Ethel.....	Batavia.....	Batavia.....	15½
Moon, Vesta.....	Martinsville.....	New Vienna.....	14¾
Murphy, Pauline Estelle.....	Greenville.....	Greenville.....	17
Nabors, Elsie.....	Newtown.....	Woodward .....	15
Nelson, Elizabeth.....	Ashtabula.....	Ashtabula.....	15
Nugent, Catherine .....	St. Marys.....	St. Marys.....	16
O'Leary, Marie .....	Eaton.....	Eaton.....	17
Oswalt, Miriam.....	Wabash, Ind.....	Wabash.....	15
Overman, Helen.....	Carthage, Ind .....	Carthage.....	14¾
Owen, Neva .....	Chilo .....	Williamsburg .....	15
Panning, Edwin.....	St. Henry.....	St. Henry.....	15
Panning, Leona .....	St. Henry .....	St. Henry.....	17
Parrish, Florence .....	Mt. Vernon.....	Mt. Vernon .....	15
Pepper, Marie .....	West Middletown.....	Middletown.....	16
Petri, Elizabeth.....	Hamilton.....	Hamilton.....	17
Pfeiffer, Ethel.....	Cincinnati.....	Hughes.....	15
Piatt, Lucia.....	London.....	London.....	16

†Withdrew within two weeks.



Name	Address	High School	Entrance Units
Pierson, Lillian	Oxford	Wm. McGuffey	16
Poling, Mary	Oxford	Van Wert	15
Potter, Florence	Delaware	Delaware	15½
Poyer, Mabel	Marengo, Ill.	Public(Marengo)	17½
Poyer, Mildred	Marengo, Ill.	Marengo	15
Price, Louise	Lockland	Milford	16½
Proxmire, Lelah	Lancaster	Lancaster	15
Reardon, Margaret	Glendale	Glendale	14
Rentz, Ethel	Dayton	Troy	16½
Reynolds, Garnetta	Carrollton, Ill.	White Hall	16
Riley, Rebecca	Norwood	Norwood	16
Rimer, Helen	Kalida	Kalida	16
Robertson, Helen	Xenia	Beavercreek Twp.	16½
Robinson, Sara	Marysville	Marysville	16½
Roland, Gladys	Greenville	Greenville	20
Ruff, Charlotte	Circleville	Everts	16½
Runyan, Bertha	Norwood	Norwood	16
Runyan, Grace	Connersville, Ind.	Connersville	16
Runyan, Hazel	London	Plain City	22
Russell, Helen	Lockland	Lockland	16
Sammet, Caroline	Versailles	Versailles	16
Schirack, Marcella	St. Henry	St. Henry	16
Schoettle, Helene	Portsmouth	Portsmouth	15
Scholl, LaVaughn Marie	Glenwood, Ind.	Connersville	16
Schwallie, Irma	Norwood	Norwood	15
Shepherd, Lois	Chicago, Ill.	Hyde Park	16½
Shields, Laura	Madisonville	Milford	18
Skidmore, Maude	East Liberty	Perry Twp.	15½
Smith, Blanche	Arcanum	Arcanum	15
Smith, Florence	Sidney	Sidney	14
Smith, Irene	Middletown	Middletown	14
Smith, Lina	Ashtabula	Ashtabula	16
Smith, Louise	Middletown	Middletown	16
Snively, Ella LaMora	Seven Mile	Hamilton	16
Spangler, Elsie	Tarleton	Everts	16
Spivey, Elizabeth	Bluffton, Ind.	Bluffton	20
Starr, Iva	Austin	Greensburg, Pa.	16½
Steele, Orrie	Columbus Grove	Columbus Grove	15½
†Stephens, Fern Mildred	St. Marys	St. Marys	15½
Stieg, E. T.	Hamilton	Hamilton	16½
Stitt, Florence	Chillicothe	Chillicothe	16½
Stoner, Cosette	Dayton	Butler Twp.	16
Storch, Julia	Dayton	Steele	16
†Sutton, Hazel	Dayton	Steele	15
Templin, Ruth	Garrettsville	Garrettsville	16
Tough, Ethel	Kenton	Belle Center	15
Trisler, Dixie	Morley, Mo.	Morley	14 4-9
Trott, Harold	Mt. Vernon	Mt. Vernon	15
Ungericht, Uretta	Greenville	Greenville	17
Unglesby, Neva	Franklin	Franklin	16½
Van Ausdall, Wilma	Reily	Oxford	15½

†Withdrew within two weeks.

Name	Address	High School	Entrance Units
Wesco, Viola.....	Monroe .....	Lemon Twp.....	16
Wilhelm, Emilie.....	Portsmouth .....	Portsmouth ....	17
Williams, Isis .....	Greenville .....	Greenville .....	15½
Williams, Ruth.....	Delaware .....	Delaware .....	16
Wolfe, Myrtle.....	Xenia.....	Beavercreek Twp.....	18
Wolverton, Irene.....	Greenville.....	Greenville.....	15
Wust, Margaret .....	Oxford .....	St. Marys .....	17
Total 156: Men, 4; Women 152.			

## \*Irregular Students

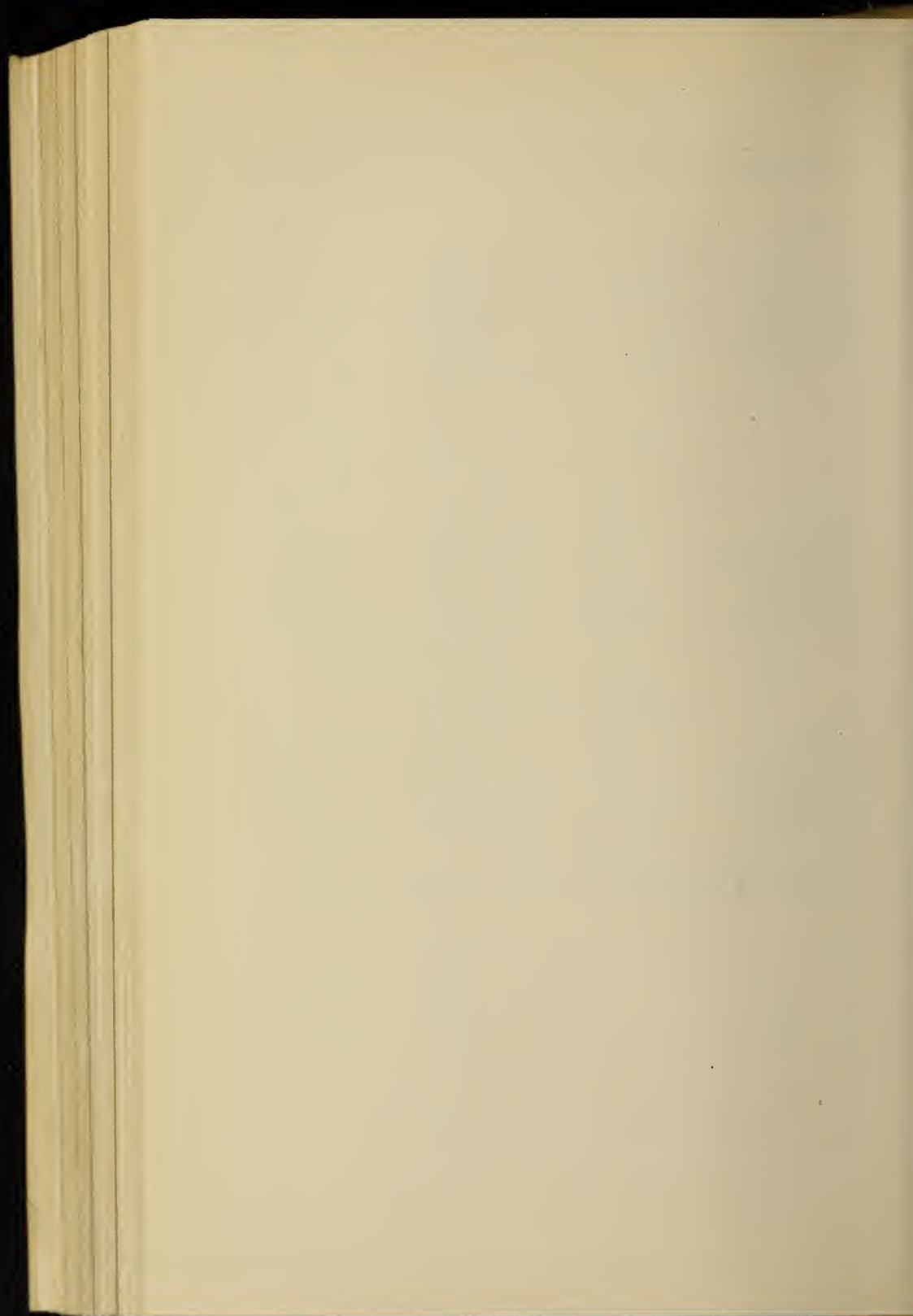
Name	Address	Name	Address
Bach, Delia .....	Batavia .....	Hawkins, Nancy.....	Anna .....
Cox, Lillian.....	Trinway .....	Johnson, Lora.....	Harrisburg .....
Cunningham, Constance....	Galena .....	McConnell, Ella .....	Northfield .....
Gentry, Daisy.....	Darrrtown .....	McDonough, Bertha .....	Camden .....
Glidewell, Vivian.....	Oxford .....	Parry, Ada.....	Hartwell .....
Gubsch, Richard.....	Cincinnati .....	Stadler, Floy.....	Urbana .....
Hastings, Bessie.....	Cincinnati .....	Total 13: Men, 1; Women, 12.	

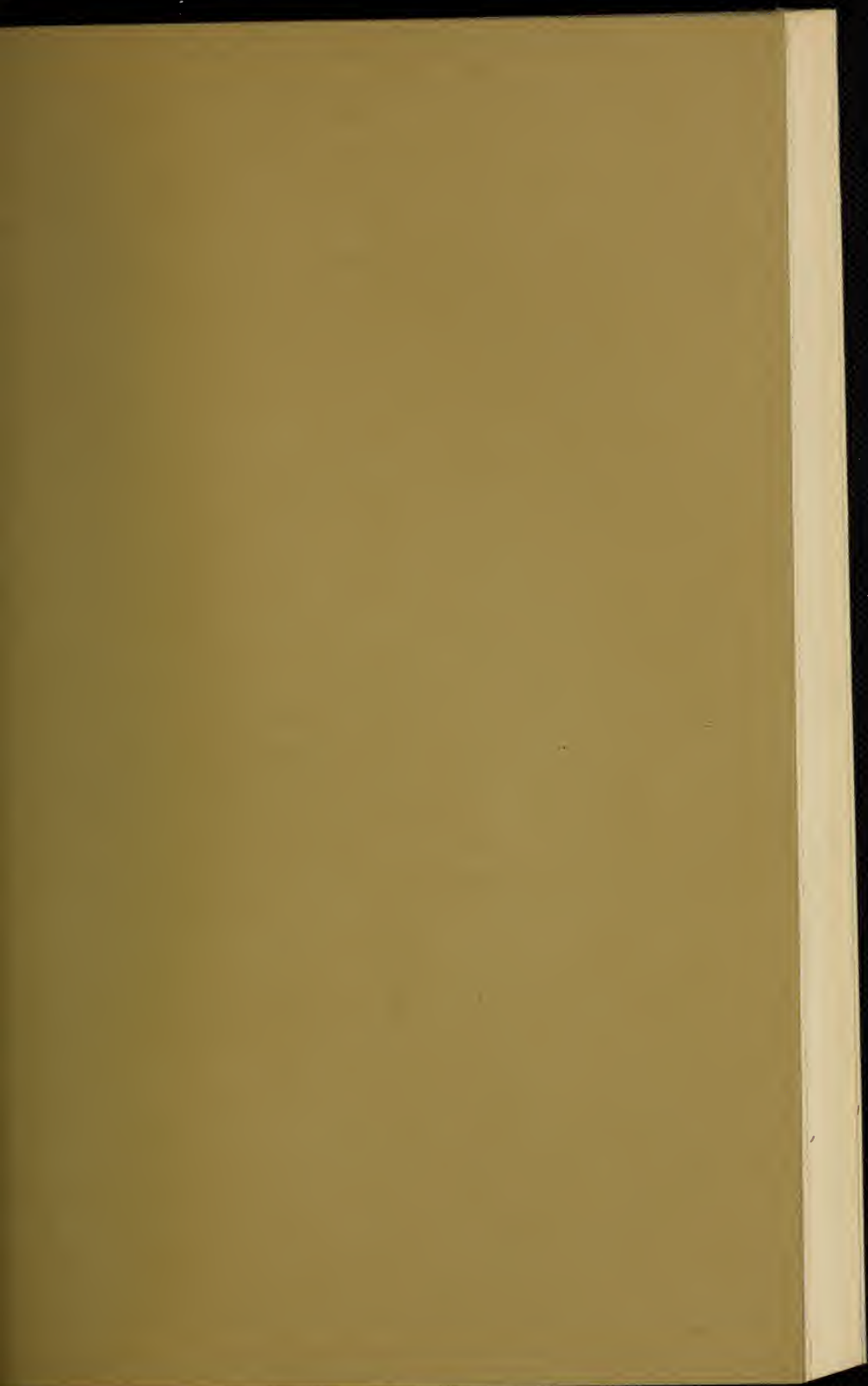
## †Special Students

Name	Address	Name	Address
Baker, Grace.....	Oxford .....	Richards, Georgia .....	Oxford .....
Brandenburg, Mrs. S. J.....	Oxford .....	Schultze, Sara.....	Oxford .....
Kerr, Elizabeth.....	Aurora, Ind. ....	Wickenden, A. C.....	Oxford .....
Powell, Dorothea.....	Oxford .....	Wurtz, J. W.....	Oxford .....
Total 8: Men, 2; Women, 6.			

\*These have less than 14 units of preparatory work.

†These students are taking special courses, without being candidates for a degree or diploma.









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7/18  
MIAMI UNIVERSITY BULLETIN

Series XVI, No. 8

April, 1918

TEACHERS COLLEGE  
of MIAMI UNIVERSITY

1917-1918

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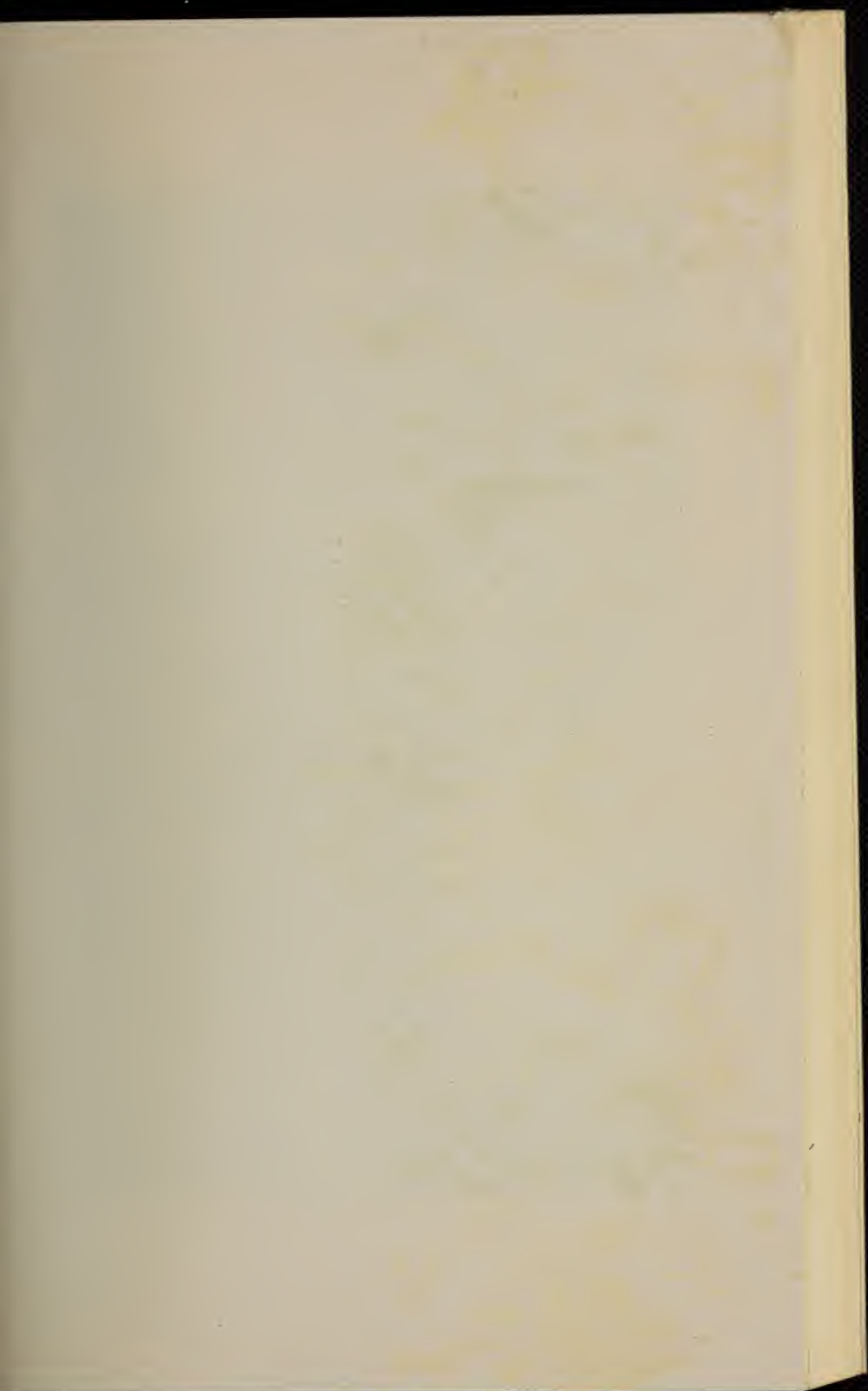
OXFORD, OHIO

UNIVERSITY OF ILLINOIS

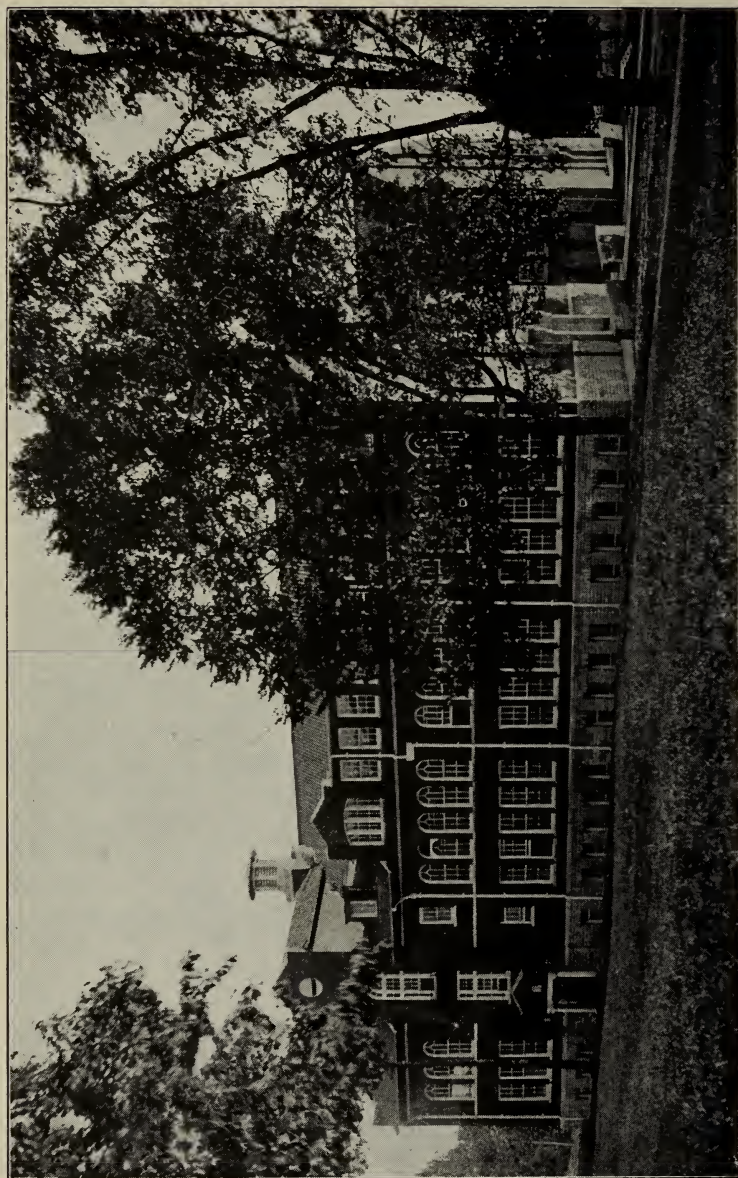
OCT. 20. 1918

## **Miami University Bulletin**

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McGUFFEY HALL

# TEACHERS COLLEGE

*of* MIAMI UNIVERSITY

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1917-1918

Announcements for 1918-1919

OXFORD, OHIO

Published by the University

APRIL, 1918

# CALENDAR 1920

JULY		
T	W	
5	6	7
12	13	14
19	20	21
26	27	28

AUGU		
T	W	
2	3	4
9	10	11
6	17	18
3	24	25
0	31	

	T	W
6	7	8
3	14	15
0	21	22
7	28	29

	T	W	
4	5	6	
1	12	13	
8	19	20	
5	26	27	

M	T	W
1	2	3
8	9	10
5	16	17
2	23	24
9	30	

DECEMBER		
M	T	W
		1
6	7	8
13	14	15
20	21	22
27	28	29



## University Calendar

1917-1918

## 1917

- Sept. 11 Tues. Entrance examinations and registration.  
Sept. 12 Wed. Class work begins, 7:30 a. m.  
Sept. 12 Wed. Formal opening of the academic year, 1917-18, 10:30 a. m.  
Sept. 16 Sun. First University Service.  
Oct. 21 Sun. Second University Service.  
Nov. 18 Sun. Third University Service.  
Nov. 29 Thur. Thanksgiving Day, a holiday.  
Dec. 16 Sun. Fourth University Service.  
Dec. 20 Thur. Christmas recess from 11:30 a. m. to Jan. 3, 1918, 7:30 a. m.

## 1918

- Jan. 3 Thur. Class work resumed, 7:30 a. m.  
Jan. 17 Thur. Semester examinations begin, 8:00 a. m.  
Jan. 20 Sun. Fifth University Service.  
Jan. 24 Thur. First semester ends, 4:00 p. m.  
Jan. 25 Fri. Junior Promenade.  
Jan. 26 Sat. Second semester begins; registration.  
Jan. 28 Mon. Class work begins, 7:30 a. m.  
Feb. 17 Sun. Sixth University Service.  
Feb. 22 Fri. Washington's Birthday, a holiday.  
Mar. 17 Sun. Seventh University Service.  
April 21 Sun. Eighth University Service.  
April 29 Mon. Spring term begins.  
May 17 Fri. Semester examinations begin, 8:00 a. m.  
May 26 Sun. Baccalaureate Service, 2:30 p. m.  
May 29 Wed. Seventy-eighth Annual Commencement.  
May 30 Thur. Memorial Day, a holiday.  
June 7 Fri. Spring term ends.  
June 10 Mon. Second term of summer session begins.  
July 19 Fri. Second term of summer session ends.  
July 22 Mon. Third term of summer session begins.  
Aug. 30 Fri. Third term of summer session ends.



## 1918-1919

## 1918

Sept.	10	Tues.	Entrance examinations and registration.
Sept.	11	Wed.	Class work begins, 7:30 a. m.
Sept.	11	Wed.	Formal opening of the academic year 1918-1919, 10:30 a. m.
Sept.	22	Sun.	First University Service.
Oct.	20	Sun.	Second University Service.
Nov.	17	Sun.	Third University Service.
Nov.	28	Thur.	Thanksgiving Day, a holiday.
Dec.	15	Sun.	Fourth University Service.
Dec.	20	Fri.	Christmas recess from 11:30 a. m. to Jan. 7, 1919, 7:30 a. m.

## 1919

Jan.	7	Tues.	Class work resumed, 7:30 a. m.
Jan.	16	Thur.	Semester examinations begin, 8:00 a. m.
Jan.	19	Sun.	Fifth University Service.
Jan.	23	Thur.	First semester ends, 4:00 p. m.
Jan.	24	Fri.	Junior Promenade.
Jan.	25	Sat.	Second semester begins; registration.
Jan.	27	Mon.	Class work begins, 7:30 a. m.
Feb.	16	Sun.	Sixth University Service.
Feb.	22	Sat.	Washington's Birthday, a holiday.
Mar.	16	Sun.	Seventh University Service.
Apr.	17	Thur.	Spring recess from 11:30 a. m. to April 23, 7:30 a. m.
Apr.	23	Thur.	Class work resumed, 7:30 a. m.
Apr.	28	Mon.	Spring term begins.
May	18	Sun.	Eighth University Service.
May	23	Fri.	Semester examinations begin, 8:00 a. m.
May	30	Fri.	Memorial Day, a holiday.
June	1	Sun.	Baccalaureate Service, 2:30 p. m.
June	5	Thur.	Seventy-ninth Annual Commencement.
June	6	Fri.	First term of summer session ends.
June	9	Mon.	Second term of summer session begins.
July	18	Fri.	Second term of summer session ends.
July	21	Mon.	Third term of summer session begins.
Aug.	29	Fri.	Third term of summer session ends.

## Officers of Instruction and Government

RAYMOND MOLLYNEAUX HUGHES, M. S. .... Lewis Place  
*President.*

A. B., Miami University, 1893; M. S., Ohio State University, 1897. Professor of Chemistry, Miami University, 1898-1913. Acting President, 1911-1913. President since 1913.

HARVEY C. MINNICH, A. M., Ped. D., LL. D., 209 South Campus Avenue  
*Dean of the Teachers College and Professor of School Administration.*

A. B., Ohio Northern University, 1897. Present position since 1903.

ELIZABETH HAMILTON, A. B. .... Bishop Hall  
*Dean of Women and Assistant Professor of English.*

A. B., Oxford College, 1895. Present position since 1905.

THOMAS LYTLE FEENEY, A. M. .... 115 West Walnut Street  
*Professor of Special Method.*

Present position since 1902.

FRED CAMPBELL WHITCOMB, B. S. .... 310 East Church Street  
*Professor of Industrial Education.*

B. S., Franklin College, 1900; Diploma in Manual Training, Teachers College, Columbia University, 1904. Present position since 1906.

BENJAMIN MARSHALL DAVIS, Ph. D. .... The Tallawanda  
*Professor of Agricultural Education.*

B. S., Butler College, 1890; M. S., 1892; Ph. D., University of California, 1906. Present position since 1907.

ARTHUR LOREN GATES, A. M. .... 121 Bishop Street  
*Professor of Public Speaking.*

A. B., Northwestern University, 1903; A. M., Columbia University, 1910. At Miami University since 1905. Present position since 1908.

JOHN WALTER HECKERT, Ph. D. .... 402 East Church Street  
*Professor of Education and Director of the William McGuffey Schools.*

Ph. B., Hamline University, 1900; A. M., Columbia University, 1905; Ph. D., 1917. Present position since 1909.

- CLARENCE EDWIN CARTER, Ph. D.....218 North Campus Avenue  
*Professor of History.*  
 A. B., Illinois College, 1905; A. M., University of Wisconsin, 1906; Ph. D., University of Illinois, 1908. Present position since 1910.
- GEORGE EZRA CARROTHERS, A. M.....The Tallawanda  
*Professor of Education and Extension Lecturer.*  
 A. B., Indiana University, 1909; A. M., Columbia University, 1915. Present position since 1915.
- WILLIAM H. WILEY, A. M.....North Bishop Street  
*Professor of Education and State High School Inspector.*  
 Graduate State Normal School, Geneseo, N. Y., 1907; B. S., Columbia University, 1909; A. M., 1912; Ped. M., 1914. At Miami University since 1914. Present position since 1916.
- FRANCES GIBSON RICHARD, A. M.....126 East Church Street  
*Associate Professor of English.*  
 A. B., National Normal University, 1891; A. M., 1893. At Miami University since 1902. Present position since 1907.
- AUBREY WILLIS MARTIN.....114 South Beech Street  
*Director of Music.*  
 Graduate of the Music Department of Broadus Institute, Wesleyan College, West Va. Present position since 1914.
- WALTER S. GUILER, A. M.....309 South Main Street  
*Associate Professor of Education.*  
 A. B., Miami University, 1909; A. M., Columbia University, 1912. Present position since 1916.
- J. HOWARD JOHNSON, A. B.....216 East Church Street  
*Acting Associate Professor of Geography.*  
 A. B., University of Michigan, 1909. Present position since 1917.
- MARY EDNA FLEGAL, B. S.....126 East Church Street  
*Assistant Professor of Drawing and Design.*  
 Graduate State Normal School, Indiana, Pa., 1899; B. S., Teachers College, Columbia University, 1914. Present position since 1914.
- MARTHA JANE HANNA, A. M.....The Tallawanda  
*Assistant Professor of Home Economics.*  
 A. B., Monmouth College, 1901; A. M., Teachers College, Columbia University, 1915. Present position since 1915.

- \*GLENN BARTLETT, A. M.....  
*Assistant Professor of Education and Extension Lecturer.*  
 B. S., Columbia University, 1911; A. M., 1912. Present position since 1915.
- FOREST TOBIAS SELBY, B. S.....115 South Main Street  
*Assistant Professor of Industrial Arts.*  
 Diploma in Manual Arts, Teachers College, Miami University, 1912; B. S., 1915. At Miami University since 1912. Present position since 1915.
- ADELIA WELLS CONE, A. B.....120 South Main Street  
*Assistant Professor of English.*  
 A. B., Miami University, 1907. Present position since 1916.
- BENJAMIN HARRISON SCUDDER, Ph. M.....308 West Church Street  
*Assistant Professor of Education and Extension Lecturer.*  
 A. B., University of Illinois, 1900; Ph. M., University of Chicago, 1901. Present position since 1917.
- AMY MARGARET SWISHER, B. S.....110 University Avenue  
*Assistant Professor of Design and Handwork.*  
 B. L., Ohio Wesleyan University, 1903; B. S., Teachers College, Columbia University, 1915. Present position since 1917.
- BLANCHE McDILL, A. M.....314 North College Avenue  
*Instructor in Education.*  
 B. S., Oxford College, 1899; Graduate Teachers College, Miami University, 1910; A. M., Teachers College, Columbia University, 1913. At Miami University since 1910. Present position since 1915.
- JOSEPH WADDELL CLOKEY, A. B.....115 South Beech Street  
*Instructor in Music and Organist.*  
 A. B., Miami University, 1912; Diploma, Cincinnati Conservatory of Music, 1915. Present position since 1915.
- ADA MEADOWS, A. M.....The Tallawanda  
*Instructor in Home Economics.*  
 A. B., University of South Dakota, 1912; A. M., Columbia University, 1915. Present position since 1915.
- MABEL BEATRICE SWEET.....221 East Church Street  
*Instructor in Music.*  
 Graduate of Crane Institute, New York, 1908. Present position since 1915.

\*Absent on leave.



- CELIA GRACE CARROLL.....104 University Avenue  
*Instructor in Physical Education.*  
 Physical Training Certificate, Wellesley College, 1913.  
 Present position since 1916.
- MABEL WEST.....Wood Street  
*Instructor in Home Economics.*  
 Graduate of Teachers College, Miami University, 1915.  
 At Miami University since 1915. Present position since  
 1916.
- ELEANOR MAY CARLISLE.....308 East Church Street  
*Instructor in Physical Education.*  
 Normal Diploma, Sargent School, 1917. Present posi-  
 tion since 1917.
- GERTRUDE WALLACE.....216 West High Street  
*Instructor in Drawing and Design.*  
 Graduate of Teachers College, Miami University, 1915.  
 At Miami University since 1916. Present position since 1917.

### Assistants

- CLYDE PIERSON....., 309 North Poplar Street  
*Assistant in Industrial Arts.*  
 Graduate of Teachers College, Miami University, 1916.
- ALBERT A. GRINNELL.....Alpha Delta Sigma House  
*Assistant in Industrial Arts.*
- WINNIFRED ANKENY.....11 Hepburn Hall  
*Assistant in Geography.*  
 Graduate of Teachers College, Miami University, 1916.
- MILDRED DOUTHITT.....Bowman Cottage  
*Assistant in Agricultural Education.*  
 Graduate of Teachers College, Miami University, 1917.

### Library Staff

- SAMUEL JACOB BRANDENBURG., Ph. M.....206 Wood Street  
*Librarian*  
 A. B., Miami University, 1904; Ph. M., University of  
 Chicago, 1909; University of Illinois Library School,  
 1909. Present position since 1909.

WILLIAM JASPER MCSURELY, D. D. .... 100 South Campus Avenue

*Librarian Emeritus*

A. B., Miami University, 1856; A. M., 1859. Librarian,  
Miami University, 1899-1909; Librarian Emeritus since  
1909.

HELEN MAR RANSON, A. B. .... 228 North Campus Avenue

*Assistant Librarian*

Diploma, Teachers College, Miami University, 1905; A.  
B., University of Wisconsin, 1910; Diploma, Western  
Reserve Library School, 1915. Present position since  
1917.

### Student Assistants in Library

FRED W. BENDER

WILL LEBOW

BEATRICE HARDY

HELEN LICHTI

HELEN HAWORTH

GOLDIE SHEPHERD

CLARABEL STARR

### Teachers in the William McGuffey Schools

CHARLES S. BUNGER, A. B. .... 305 South Main Street

*Principal*

A. B., Miami University, 1909.

CLYDE ESTLE SHUMAKER, A. B. .... The Tallawanda

*Critic in High School*

A. B., Miami University, 1915.

MARY COWPER PITTMAN, A. M. .... 202 East Church Street

*Critic in High School*

A. B., University of Alabama, 1905; A. M., 1906.

ERNA BRAUN HAHN, Ph. B. .... 308 East Church Street

*Critic in High School*

Ph. B., University of Chicago, 1915.

FANNIE J. RAGLAND, A. M. .... Hepburn Hall

*Critic Teacher and Assistant to the Dean of Women*

Graduate, Teachers College, Miami University, 1906; A.  
B., Miami University, 1908; A. M., Teachers College,  
Columbia University, 1914.

BLANCHE LUELLA MCDILL, A. M. .... 314 North College Avenue

*Critic Teacher*

B. S., Oxford College, 1899; Graduate, Teachers College,  
Miami University, 1910; A. M., Teachers College, Col-  
umbia University, 1913.

- ANNA BEISWENGER, Ph. B. .... South Cottage  
*Critic Teacher*  
 Ph. B., School of Education, University of Chicago, 1913.
- MARY DORRELL FINCH, A. B. .... 117 East Walnut Street  
*Critic Teacher*  
 Graduate, Teachers College, Miami University, 1906; A.  
 B., Miami University, 1907.
- HELEN J. WOODLEY .... 216 East Church Street  
*Critic Teacher*  
 Graduate, DeKalb State Normal School, DeKalb, Ill.;  
 Graduate Student, Columbia University, 1911-1912.
- \*ALICE HUGHES .... New Cottage  
*Critic Teacher*  
 Graduate, Teachers College, Miami University, 1912.
- MARGUERITE WALDEN ROYAL .... 216 East Church Street  
*Acting Critic Teacher*  
 Graduate, Teachers College, Miami University, 1912; A.  
 B., Miami University, 1914.
- FANTIE NESBITT .... 221 East Church Street  
*Critic Teacher*  
 Graduate, Teachers College, Miami University, 1912.
- HELEN THORPE BROUSE .... 123 West Walnut Street  
*Kindergarten and Critic Teacher*  
 Kindergarten and primary diploma, Indianapolis Teach-  
 ers College.

### Additional Officers of the University

- WALLACE PATTISON ROUDEBUSH, A. B. .... 201 North Campus Avenue  
*Secretary to the Board of Trustees*
- WARREN GRANT BAILEY, A. M. .... 3 West Walnut Street  
*Supervisor of Accounts*
- C. A. SHERA, Jr., A. B. .... 129 West Walnut Street  
*Treasurer*
- ANNA M. CONWAY .... 209 North Campus Avenue  
*Secretary to the Dean of Teachers College*
- MAYE MORRIS, B. L. .... 122 North College Avenue  
*Assistant to the Secretary of the Board of Trustees*
- MARIE MARSHALL .... 302 South Main Street  
*Secretary to the President*

\*Absent on leave 1917-18.

HARLAN SCHWAB, A. B.....	110 South Campus Avenue
<i>Assistant Registrar</i>	
CHLOE EDGAR.....	22 East Walnut Street
<i>Auditor of Student Activities</i>	
RUTH COOK.....	22 East Walnut Street
<i>Cashier</i>	
CLARA M. FEENEY, A. M.....	1 Bishop Hall
<i>Director of Institution Economics</i>	
MARTHA MOLYNEAUX.....	304 East Church Street
<i>Manager of Commons</i>	
LOIS E. MICHAEL.....	Hepburn Hall
<i>Manager of Hepburn Hall</i>	
RUTH V. WOODBURY, B. S.....	Bishop Hall
<i>Manager of Bishop Hall</i>	
MARGARET FOX.....	Bishop Hall
<i>Resident Nurse</i>	
JOHN DEVINE.....	19 South Poplar Street
<i>Chief Engineer and Superintendent of Buildings and Grounds</i>	
CLARENCE BUNNELL.....	309 West Vine Street
<i>Storekeeper</i>	

### Standing Committees of the Faculty

TEACHERS COLLEGE EXECUTIVE COMMITTEE—Heckert, Davis, Feeney, Whitcomb, Martin, Guiler.

COURSE OF STUDY—Heckert, Feeney, Carter, Whitcomb, Davis, Johnson.

SOCIETIES AND STUDENT ORGANIZATIONS—Sweet, Cone, Carroll, Meadows, Flegal.

EXTENSION WORK, TEACHERS' ASSOCIATIONS—Carrothers, Davis, Whitcomb.

ALUMNI—Davis, Ragland, McDill.

MOTION PICTURES—Cone, Selby, Shumaker.

FACULTY DISCUSSIONS—Carter, Bunger, McDill.

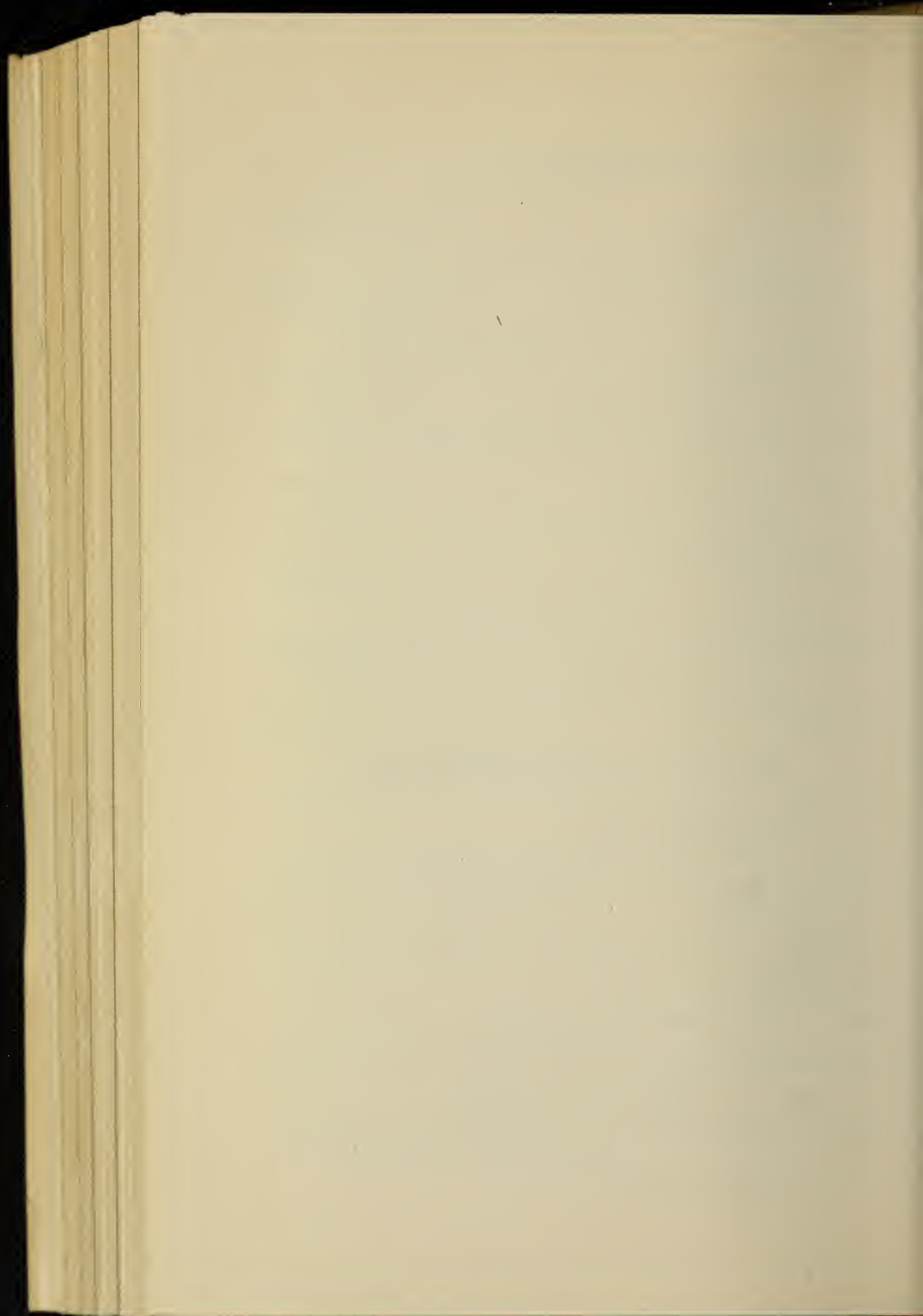
### Student Counsellors

REGULAR GRADE TEACHERS—Sophomore Class—Heckert, Ragland.

Freshman Class—Feeney, Guiler.

SPECIAL TEACHERS—Whitcomb, Hanna.





# TEACHERS COLLEGE OF MIAMI UNIVERSITY

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## General Statement

THE Teachers College fully complies with the legislative act creating Normal Schools in the state of Ohio, "*to provide proper theoretical and practical training for all students desiring to prepare themselves for the work of teaching*".

The influence of the new attitude toward the training of teachers has spread to all institutions where "students desiring to prepare themselves for the work of teaching" are found, and the same organization of work and facilities is required in the preparation of all types of teachers for public school work, elementary, secondary, and special.

## Location

MIAMI UNIVERSITY is located at Oxford, Ohio, on the Cincinnati, Indianapolis and Western Railroad, fourteen miles from Hamilton and forty miles from Cincinnati.

In beauty and healthfulness of surroundings the location is unsurpassed. The ground is high and rolling, with an elevation of 1000 feet above sea level, and the atmosphere is unusually clear and pure. The campus of the University, comprising over one hundred acres, is justly famed for its beauty.

Oxford is a quiet college town with a population of about 2100. It has excellent graded schools, including two high schools of the first grade. The following religious denominations have churches, in which regular services are held: Methodist, Presbyterian, United Presbyterian, Catholic, and Episcopal. The town is equipped with modern electric light plant, water works, and sewer system. During the past fourteen years, no licenses have been issued for the sale of alcoholic beverages; and the absence of saloons and low resorts makes the environment especially wholesome for college students.

## Grounds, Buildings, and Equipment

THE University is picturesquely situated on a high portion of ground in the eastern part of the village. The campus proper, on which all of the University buildings are placed, comprises about sixty-five acres, the lower portion of which is thickly wooded. North of the lower campus are the athletic grounds, the fraternity row, and the agricultural experiment plot—in all, about forty acres more. Two plots of ground just south of the campus have been added to the grounds. Ten acres of this is used for demonstration in agriculture, and four acres for girl's athletic field.

### Buildings

THE MAIN BUILDING is the oldest building on the campus. Part of it was erected in 1824, but it has been recently fitted up with all modern improvements. It is 250 feet long and three stories high. It contains lecture and recitation rooms for various departments of the College of Liberal Arts. It contains also a number of private offices for members of the faculty. The University Commons, a boarding hall for men and women, is on the second floor of the west wing of this building.

DORMITORIES FOR MEN. There are two dormitories for men: North Dormitory, erected in 1824, and South Dormitory, erected in 1836. In 1912, both buildings were completely remodeled and refinished. They are lighted by electricity, heated with steam, and provided with bath rooms—one for every eight students. The two dormitories are divided into five halls, each containing accommodation for from sixteen to twenty-four men, and each provided with a separate entry. The halls are named after former professors in the University. In the North Dormitory are the Elliot and Johnson Halls; in the South Dormitory are the MacFarland, Swing, and Stoddard Halls. The men of the freshman class room in these dormitories.

BRICE HALL OF SCIENCE was erected in 1892, largely thru the generosity of the late United States Senator, Calvin Stewart Brice, LL. D., of the class of 1863. This building is two stories in height, with basement thruout, and is well adapted for use in scientific study. In 1905 it was enlarged and has now three times its original capacity. All of the science departments except chemistry and agriculture are located in this building.

HERRON GYMNASIUM was built in 1897, and largely re-modeled in 1914. It is provided with lockers, showers, and dressing rooms for both men and women. The entire second floor is used for indoor athletics and physical education, for which it has been especially adapted and equipped.

THE ADMINISTRATION BUILDING was erected in 1907. The southern half contains the Auditorium, which has a seating capacity of 1250. The stage is supplied with suitable scenery and with a pipe organ. On one side of the large entrance lobby on the first floor is the Christian Association Chapel; on the other side are the Registrar's offices. The second floor has a large central lobby, surrounding which are the administrative offices.

DORMITORIES FOR WOMEN. Two dormitories for women students of the University have been erected: Hepburn Hall in 1905, and Bishop Hall in 1912. Both buildings are modern in all of their appointments. Hepburn Hall has rooms for ninety-six women and boarding facilities for one hundred and forty. It was named in honor of Andrew Dousa Hepburn, now professor emeritus of English, who served the University with distinction for thirty years. Bishop Hall has accommodations for one hundred and two. It was named in honor of Robert Hamilton Bishop, the first President of the University. Students are given rooms in the order of application.

Besides these halls, additional quarters for women have been provided in several cottages established under University patronage. The accommodations and cost are the same as for



residence in the halls. These cottages are near the campus and their occupants come to the University dining rooms for meals.

THE CENTRAL HEATING AND LIGHTING PLANT, at some distance removed from the other University buildings, was completed in 1907. Its capacity was increased in 1909 and again in 1915 to meet the demands created by the erection of new buildings. All University buildings are adequately supplied with light and heat from this plant. A commodious storage building for University supplies has just been erected nearby.

THE ALUMNI LIBRARY, the gift of Mr. Andrew Carnegie in coöperation with alumni, former students, and friends of the University, was completed in 1909. Its construction is fire-proof thruout. It is centrally located on the campus, just south of the Main Building. The reading rooms, stacks and seminar rooms are conveniently arranged. The library has an ultimate capacity of 90,000 volumes.

MCGUFFEY HALL, located in the south-west corner of the campus, was designed especially for the Teachers College. The South Pavilion was erected in 1909; the North Pavilion was completed in 1915; and the Central Pavilion, completing the building, in 1916.

In this building are located the class-rooms of the Teachers College, the laboratories for Agriculture, Geography and Home Economics, the Music rooms, the Art rooms, and the McGuffey Auditorium with a capacity of 350, equipped with the latest improved Powers 6 B Motion Picture machine.

This building is also the home of the William McGuffey Schools, organized with elementary school and high school for demonstration and practice teaching for those preparing to teach.

THE CHEMISTRY BUILDING, erected in 1914, provides a large lecture room and three large laboratories, in addition to a number of smaller rooms, for the chemistry department. The building is well equipped in every way for the work of the department.

## Athletic Grounds

THE MIAMI ATHLETIC FIELD is only a short distance from the Gymnasium; it is really a part of the campus. It comprises a football field, a baseball diamond, a quarter-mile running track, and pits for pole vaulting and jumping. Men of the University find it a convenient place for athletic contests.

A carefully worked-out plan for the enlargement and equipment of this field is now being put in operation. In addition to the provision for various intercollegiate contests, there will be a number of new fields for football, baseball, and other intra-mural sports.

An athletic field of seven acres for the women has recently been purchased and is being developed as rapidly as possible. It is located within a square of the women's halls of residence.

THE TENNIS COURTS, thirteen in number, are all on the campus. The women students of the University have exclusive use of five of these courts.

## Laboratories and Apparatus

AGRICULTURE AND NATURE-STUDY. The department of agriculture and nature-study is equipped with particular reference to training teachers to give instruction in these subjects in elementary and secondary schools. In addition to three well-appointed laboratories, a green house, and a large school garden, there are several plots for experimental work in plant-breeding, in fertilization, and in practical forestry—about fifteen acres in all.

GEOGRAPHY. The laboratory of the department of geography is on the second floor of the North Pavilion of McGuffey Hall. It will accommodate twenty-four students. The department has a commodious office and a dark room, both opening into the laboratory. The equipment consists of a large collection of maps, relief models, photographs, pictures, and lantern slides.

HOME ECONOMICS. The laboratory of the department of home economics occupies the entire third floor of the North Pavilion of McGuffey Hall. The equipment represents what the teachers of home economics in the public schools may reasonably expect to have to work with. In cookery, each student's working outfit consists of a table, a two-burner electric stove or gas stove, and a locker containing all necessary utensils. The laboratory is provided with kitchen ranges, refrigerator, store room, and usual dining-room furniture. The sewing room is furnished with convenient tables, with lockers, and with the best make of sewing machines.

INDUSTRIAL ARTS AND DRAWING. The industrial arts rooms are on the first floor and in the basement of the east wing of the Main Building.

The wood-working shop is provided with modern benches for thirty-six students, each with its tool cabinet and drawer for student's work. All the general tools needed are included in this equipment. A 15 H. P. electric motor and a gasoline engine furnish power for the following wood-working machines: turning lathes, combination rip and cross-cut saws, joiner, mortice and tenon machines, sander, and planer. For the metal-working courses, forges, anvils, vises, hammers, and other small tools are provided. Recently a complete sheet metal-working equipment has been added. A large pottery kiln has been installed, making possible a variety of experiments in the use of clay. Both the mechanical and free-hand drawing rooms are well equipped with tables, easels, stools, boards, instruments, and models.

### The Library

THE UNIVERSITY LIBRARY contains about 53,100 volumes, and the libraries of the two literary societies for men, housed in the Library Building, contain about 1,500 volumes additional.

For the maintenance and enlargement of the library, the State Legislature makes an appropriation annually. The li-



brary is particularly rich in American political history and in the records of the United States and of the State of Ohio.

Students may draw from the library three volumes at a time, and these may be kept two weeks unless specially restricted. Unless there is other demand, books may be renewed.

The book stacks are not open to the students in general or to the public; but cards of admission may be given by the librarian on recommendation of an officer of instruction.

The library is open every week day when the University is in session from 7:30 a. m. to 9:30 p. m. The reading rooms are open for general reading also on Sunday afternoons between 2:30 and 5:30 save on the day on which occurs the monthly University Service. During vacations the library is open from 8:30 to 12:00 a. m. and from 1:00 to 5:00 p. m., except on Saturday afternoons and legal holidays.

## Admission Requirements

THE requirement for admission is FIFTEEN UNITS of preparatory work; the meaning of a unit being a course of study successfully completed in an approved high school, covering a school year of not less than thirty-six weeks, with five periods of at least forty minutes each per week. A half-unit is a similar course for a half-year. Two periods in manual training, drawing, or other laboratory work are considered equivalent to one period of class room work.

The fifteen units mentioned above should conform to the following plan of distribution:

English .....	at least 3 units
History .....	at least 1 unit
Algebra.....	at least 1 unit
Geometry.....	at least 1 unit
Science .....	at least 1 unit

At least 3 units chosen from the following:

Foreign Language, English, Science, Social Studies,  
Mathematics.



The remaining five units may consist of further work in the above subjects, or in other subjects contained in the courses of study of standard high schools. Graduation from a first grade High School will satisfy the above requirements.

### Certificates

An applicant for admission by certificate should obtain from THE REGISTRAR of the University a blank upon which his record may be inscribed. This should be filled out and signed by the superintendent, principal, or other official of the school in which the work was done. It must be mailed BY THIS OFFICIAL to the Registrar of the University. It should show the length of each course in weeks, the number of recitations per week, the length of each recitation, and the grade of scholarship attained. If possible, it should also show the text books used, and amount of ground covered in each.

It is highly important that the certificate be sent to the Registrar at an early date, so that there will be ample time for its inspection, and for a report to the applicant as to his eligibility for entrance before the opening of the University.

All certificates upon which entrance is granted become the property of the University, and are permanently filed among its records. They cannot be returned to the student, but certified copies will be issued if needed.

### Examinations

Applicants who fall short of the required fifteen units may present themselves for examination upon the work of the remaining units; but in each case the subjects will be those mentioned above under "Requirements", and such other subjects as the applicant may indicate, provided that they are subjects included in the curricula of standard high schools. Examinations are held regularly on Registration Day at the opening of the school year, and at other times by special arrangement. Those interested should write the Registrar for detailed information.

### Conditional Entrance

While the full requirement is fifteen units, an applicant who presents FOURTEEN units will be admitted, subject to the condition that he must obtain the remaining unit after entrance, in addition to the requirements for graduation. This may be done by examination or by carrying an extra collegiate subject.

### Irregular Students

Applicants who are twenty-one years of age, or over, and who do not meet the entrance requirements, may be admitted as IRREGULAR STUDENTS, and they may enter upon such studies as they are qualified to pursue with profit. They will not, however, be permitted to become candidates for a degree or diploma until they have fulfilled the entrance requirements.

### Admission to Advanced Standing

No college credit is given for work done in high school prior to graduation therefrom. Work done in high school after graduation therefrom may receive college credit if certified to separately and examined by the college. Those students who come from other colleges are required to present a transcript of their record and a certificate of honorable dismissal. They may be required to pass such examinations upon the work offered as the faculty may deem necessary. No student is admitted to the College as a candidate for a degree in the undergraduate courses after the beginning of the senior year.

Credit for advanced standing must be secured during the student's first semester of residence.

## Fees and Expenses

### Incidental Fee

**A**N incidental fee of \$15 a semester, payable at the beginning of the semester, is required of students in the four-year courses leading to the A. B. and B. S. degrees. Teachers College students pay an incidental fee of \$7.50 a semester. *No deduction or rebate is granted on account of late entrance.*

*In case of withdrawal from college or change of course within 2 days of registration, refund of incidental fees will be made in full. After 2 days, refunds will be made on the following basis: before the end of 2 weeks, 80%; before the end of 4 weeks, 60%; before the end of 6 weeks, 40%; after the sixth week no refund of fees will be made.*

### Rooms

The rooms in the dormitories for men are of two sizes, the smaller ones renting for \$27.00 and the larger, arranged for two men, for \$54.00 a semester, payable at the beginning of each semester. This charge includes heat, light, and janitor service. An additional charge of \$1.50 a semester is made for laundering of sheets and pillow cases. The rooms are completely furnished, with the exception of curtains and towels, which the students must provide for themselves. Bedding supplied consists of sheets, pillow cases, spread, and one blanket. Any additional bedding required must be provided by students. Room rent will not be refunded except in cases where the room is re-rented during the semester in which it is vacated.

In the dormitories for women, two students are assigned to a room, and the price charged is \$27.00 a semester each, payable at the beginning of each semester. This charge includes light and heat. An additional charge of \$1.25 a semester is made for laundering of sheets and pillow cases. The rooms are furnished, with the exception of sheets, pillow cases, curtains and towels, which the students must provide for themselves. Room rent will not be refunded except in cases where the room is re-rented during the semester in which it is vacated.



The women's dormitories are equipped with modern laundries, where women students, if they choose, may do their own laundry work. The halls are cared for by competent housekeepers. The Dean of Women and the Assistant to the Dean preside over the interests of all the young women students in or out of the dormitories and cottages, and all women students are subject to their authority.

Room reservations will be made upon receipt of a deposit of \$3.00, which deposit will be credited upon the student's room-rent at registration, or refunded if the student does not enter. Request for such refund must be made five days prior to the opening of college.

### Boarding

The University Commons, a dining hall for men and women, is on the second floor of the west wing of the Main Building. The dining halls for women are in Hepburn Hall and Bishop Hall. All women students except those whose homes are in Oxford are required to board at the Commons, at Hepburn Hall, or at Bishop Hall. All dining halls are under the management of the University. They are directed by competent university officials, and are conducted without the idea of profit and for the purpose of providing good wholesome food at the lowest possible cost. The dining rooms are commodious, neat and attractive, and the service is good.

Board for men is furnished for \$3.25 a week, payable in advance in installments of not less than \$6.50 each. Refunds will be made for not less than one week. All single meals are cash. Board for women is provided for the 36 weeks of the college year, exclusive of the Christmas and the Easter vacations, for \$108.00. Board is payable in advance in installments of not less than \$12.00 each. Refunds will be made only for absences of two or more consecutive weeks. Single meal tickets for guests may be secured from matrons.

Meals may be had in private boarding houses at \$3.50 to \$5.00 a week. For several years coöperative clubs have furnished board for about \$4.00. In general it may be stated that



the cost of living in Oxford is very moderate. In every case, more depends upon the student's habits and tastes than upon the village, and legitimate expenditures may be brought within \$280.00 for expenses of every kind during the collegiate year. A considerable number find their total expenses little more than \$225.00 and there are students who go thru the college year for less.

### Medical Fee

A medical fee of \$5.00 (\$2.50 a semester) is charged all students. A college physician and resident nurse are employed and hospital facilities for non-contagious cases are provided. Each student will be thoroly examined by the college physician and will receive all needed medical attention, with the exception of serious operations and nursing thru extended illnesses free of charge. We are convinced that careful supervision of the health of college students can be secured only by this method, and that nothing will do more for the individual or for the state than to improve and perfect the health of the students while in college.

### Cadet Uniform

The uniform with which all students taking military drill are required to provide themselves costs (without overcoat) about \$15.00. If students so desire, it may be worn in place of civilian dress. Students should not arrange about uniforms until directed to do so by the military authorities.

### Diploma Fee

A diploma fee of \$5.00 is charged to all students who are graduated from the four-year degree courses. Students who are graduated from the Teachers College pay a diploma fee of \$3.00.

### Summary of Expenses

The expenses which are directly connected with the University are, therefore, as follows:

## MEN

Incidental fee (payable one-half at the begining of each semester)	
Four-year courses (A. B. and B. S.).....	\$ 30 00
Two-year courses.....	15 00
Medical fee.....	5 00
Laboratory deposits.....	\$5 00 to 10 00
Rent of room in dormitories(36 weeks at \$1 50 per week)	54 00
Rental and laundry of bed linen.....	3 00
Board at University Commons(36 weeks at \$3 25 per week).....	117 00

## WOMEN

Incidental fee (payable one-half at the beginning of each semester)	
Four-year courses (A. B. and B. S.).....	\$ 30 00
Two-year courses.....	15 00
Medical fee.....	5 00
Laboratory deposits.....	..\$5.00 to 10 00
Rent of room in dormitories or in cottages (36 weeks at \$1.50 per week). ....	54 00
Laundry of bed linen.....	2 50
Board in women's dining halls (36 weeks at \$3 00 per week).....	108 00

*Note 1*—A fee of \$1.00 is required of all **old** students who register after the regular date of registration.

*Note 2*—A fee of \$1.00 is required of all students who take second or special examinations. No fee is required for entrance examinations.

*Note 3*—In order to meet all the necessary expenses of registration (incidental fee of \$7.50 or \$15.00, laboratory deposits of \$5.00 to \$10.00, room rent for semester, \$27.00, laundry, \$1.25 or \$1.50, 4 weeks' board, \$12.00 or \$13.00, the purchase of books, and other expenditures incident to beginning the college course) a student should come prepared to expend from \$65.00 to \$75.00 during the first ten days of a semester. After that period the payment of board every four weeks and items of *general expense* will constitute the major part of the student's outlay.

## Regulations

### Terms and Vacations

THE college year is divided into semesters. For the college year 1918-19 the first semester begins on Tuesday, September 10; the second semester begins on Saturday, January 25.

Thanksgiving Day is a holiday.

The Christmas recess begins at noon on December 20, and ends at 7:30 a. m. on January 7.

The spring recess for 1919 begins at noon on Thursday, April 17, and continues until 7:30 a. m. on the Thursday following.

Washington's Birthday is observed as a holiday.

A summer session of eighteen weeks is held this year, beginning on April 29, 1918. The session is divided into three terms of six weeks each, with recitations five days a week.

### Class Attendance

Strict attendance upon all college exercises is required. When the student's absences, however few in number, interfere with the satisfactory performance of his work, he will be called before the Dean of his college to give explanation. Upon the Dean's recommendation, any student delinquent in this respect may be called before the executive committee and shall be liable to suspension.

Parents living at short distances from Oxford are urged not to interfere with the work and progress of the students by encouraging or by permitting frequent visits home.

### Examinations

Regular examinations are held at the close of each semester, and are conducted chiefly in writing. At the close of the year, the final examination may embrace the subjects of study for the entire year. In addition to these regular examinations,

partial examinations and written recitations are held from time to time during the year, with or without previous notice to the students, at the discretion of the instructor.

All examinations are conducted under the honor system.

### Grades of Scholarship

THE grade of a student in each of his courses is determined by the combined results of examinations and daily recitations. Standing is expressed, according to proficiency, in grades A, B, C, D, E, F.

Grade A denotes excellent scholarship; grade B, good scholarship; grade C, fair scholarship; grade D, poor scholarship; grade E, a condition, which may be removed by second examination; grade F, a failure, removable only by repetition of the subject in class. W denotes that the work of the semester has not been entirely completed by the student.

Examinations to remove conditions incurred during the first semester are held on the second Saturday of March and during the regular examination period in June. Examinations to remove conditions incurred during the second semester are held on the second Saturday of October and during the mid-year examination. If the student passes the condition examination successfully, he receives the grade D. No examination to remove conditions will be held at other times. A fee of one dollar is charged. A student may take only one examination to remove a condition.

A mark of W received the first semester must be removed by the second Saturday of March; if received the second semester, it must be removed by the second Saturday of October. If not so removed it becomes automatically an E.

Students who receive a grade of F in a particular course must drop the course. No credit is received; and if the course is required for graduation, it must be repeated.

Students who do not take the regular examination in any subject at the close of the semester are reported absent, and credit for that subject can be obtained only by passing a second



examination. Unless satisfactorily explained, absence from examination is equivalent to F.

Grades are reported to parents or guardians at the close of each semester, or oftener if desired.

### Medical and Sanitary Supervision

One of the principal objects of the Department of Physical Education is the early detection of all those influences which affect the health of the students. All students are examined each year in order to discover the presence of any condition which may be working against the health interest of the individual or his associates.

The examinations are much like those made by any careful physician. In addition to securing a record covering the important hygienic and other health factors in the student's past life, there is an examination of eyes, nose, throat, teeth, heart, lungs and of such special conditions as appear necessary. After this examination each student is given such advice as seems necessary and appropriate for formulating intelligently his own policy of personal health control.

If there is a physical condition found that appears to need treatment, the fact is entered on a card and sent to the parent with the request that the card be referred to the family physician. The best results are secured by the coöperation of the parents in matters concerning the health of the students.

A resident nurse devotes her entire time to looking after the health of the students.

The Department inquires from time to time into all institutional influences that are likely to affect the health of the students. The University Physician is the Health Officer of the University, and, with the assistance of the College Nurse and the Professor of Bacteriology, exercises every reasonable effort to make the institution safe and attractive to the clean and healthy student.

## Physical Education

All students, except those members of the junior and senior classes who already have made four hours credit in physical education, are required to take two hours of exercise each week under the immediate instruction of the director of the gymnasium. For this work each student receives a credit of one hour a semester, or four hours for the two years.

## Military Instruction

At the annual meeting of the Board of Trustees following the declaration of war, a regulation was passed requiring that during the period of the war all male students registered in the University shall take military drill. In compliance with this regulation, all male students of the University, except those excused by the Physical Director because of physical disability, are required to drill three hours a week in one of the three companies of the University Battalion under the direction of Professor Brodbeck. During the winter months outdoor drill is replaced by one hour of gymnasium class work, one hour of competitive sports, and one hour of instruction in military science. All students taking military drill are required to wear at drill the cadet uniform adopted by the University. This uniform, without overcoat, will cost about \$15.00. It may, at the pleasure of the student, be worn in place of civilian dress.

## Organizations

### Christian Associations

THE Young Men's Christian Association is an effective agency in promoting religious ideals and knowledge among the men of the University. Besides the regular devotional services, the Association conducts Bible and mission study classes for men. A considerable number of men are enrolled in these classes each year.

The Young Women's Christian Association also does most effective work. Its devotional meetings and Bible and mission study classes are largely attended and its influence for good among the young women is very marked. Miss Helen Scott, A. B., Miami 1917, is employed as secretary of the Association, giving her entire time to the work.

Conspicuous among its recent activities is the work of the "Big Sisters", a group of girls from the upper classes who divide among them the responsibility of becoming personally acquainted with the freshmen in the various cottages and introducing them to the social life of the University.

Both Associations lay much stress on sound religious knowledge. Some of the Bible classes are taught by professors. Representatives from the Associations attend the annual summer conferences of Christian workers and the quadrennial convention of the Student Volunteer Movement.

The Associations contribute also to the social life of the University, especially at the opening of the year. No other student organizations have a wider field of usefulness.

### Literary Societies

Two literary societies for men are maintained in the University, the Erodelphian and the Miami Union. These societies were founded in 1825, and both have charters from the State. They meet on Friday evenings in their halls in the Main Building. They are not secret in organization, and welcome all young men who desire to improve themselves in oratory, in debating, and in other forms of public address. Their spirit is commendably earnest, and students are recommended to connect themselves with one of them.

The Pierian Society was founded in 1902, and the Thalian Society in 1910, by the young women of the Teachers College. They hold weekly meetings and present programs that are especially adapted to the interests of Teachers College students.



## Musical Organizations

Excellent training in vocal culture and in choral singing is afforded by the following musical organizations.

The Glee Club, limited to twenty-five men, is made up of the best men's voices in the University. Admission is by competitive examination and by majority vote of the club. The club is under the leadership of the Director of Music. Regular rehearsals are held thruout the year; an annual concert is given at the University; and during the spring vacation the club makes a tour and gives concerts in adjacent cities. The business management is under the control of the University.

The Madrigal Club is made up in the same manner from among the young women of the University, and is also in charge of the Director of Music. Regular rehearsals are required. A public concert is given during the winter of each year.

The Arion Choir is composed of about one hundred voices. Its purpose is to perform the larger choral works, such as cantatas and oratorios. A concert is usually given in the spring of each year. In 1911-12, *The Odysseus*, by Max Bruch, was given; in 1913-14, Mendelssohn's *St. Paul*; in 1914-15, Verdi's *Aida*; in 1915-16, Flotow's *Martha*; in 1916-17, Verdi's *Requiem*; and in 1917-18, *The Fire Prince*, by Henry K. Hadley.

The Philharmonic Club is composed of men and women of the Summer Session. It offers unusual opportunity for music teachers to gain experience in organizing and conducting choral societies and glee clubs, and for all teachers interested in voice and choral work to secure training for singing in church choirs and other musical organizations. The club furnishes music for public exercises of the Summer Session. It is under the direction of the Director of Music and the University Organist.

The University Orchestra was organized in 1915. Admission is by competitive examination, and as many as have sufficient ability are admitted. Only the standard symphonic literature is studied, and several concerts are given during the year.



In 1914-15, the students of the University organized the Varsity Band. This band is under the leadership and management of students and plays at the various athletic events. It has also been made a part of the student military organization, rehearsing at drill hours and playing at least once a week for the cadet battalion.

### The Employment Bureau

The University maintains a bureau for the recommendation of its students to teaching or other positions. This service is rendered without charge and is extended to those seeking initial positions and to those already located who are worthy of promotion to better places. In 1916-17, 97 graduates and former students were placed in positions paying a total of \$92,620

A student Employment Bureau, maintained by the Y. M. C. A., coöperates with students in securing work for them while they are in college and during vacations. During the year 1917-18 fully 35 per cent of the men attending the University are earning money by some form of employment. The money earned in this way represents an average of \$4.62 a week for the men employed and a total of \$19,300.00 during the college year.

### University Services

Special religious services are held in the University Auditorium on the afternoon of the third Sunday of each month at two-thirty o'clock. At the services, a sermon is preached usually by some clergyman from outside of town.

The University preachers from March, 1917, to February, 1918, were the following:

Theodore Gerald Soares, Ph. D., D. D., Department of Practical Theology, The University of Chicago, Chicago, Illinois. "The Next Impossible."

Allan Hoben, Department of Practical Theology, The University of Chicago, Chicago, Illinois. "Christ on Criticism."

W. H. Poole, St. Paul's Church, Jackson, Michigan. "Prophecy and the People."

- Henry Churchill King, LL. D., D. D., President, Oberlin College, Oberlin, Ohio. "Citizens of a New Civilization."
- Seeley K. Tompkins, D. D., Walnut Hills Congregational Church, Cincinnati, Ohio. "Being Ready."
- William F. Anderson, D. D., Bishop of the Methodist Episcopal Church, Cincinnati, Ohio. "The Two Great Commandments."
- Maurice E. Wilson, D. D., First Presbyterian Church, Dayton, Ohio. "The Gates of the City."
- G. Franklin Ream, D. D., Board of Education, Methodist Episcopal Church, New York City. "The Supreme Commission."
- Harry N. Clarke, President of the Cortescope Company, Cleveland, Ohio. "What Strategy Shall the Church Use to Best Meet Its Present Opportunity?"

### Special Lectures and Entertainments

During each college year, a number of special lectures and entertainments are given at the University. These are of varied nature to suit the individual taste of as large a public as possible. Some of the entertainments are given under the auspices of the Union Lyceum Committee, composed of representatives from the Village of Oxford, the Western College for Women, the Oxford College for Women, and Miami University. Other entertainments are given under the auspices of the various departments of the University.

### Courses of Study

The following courses of study are offered for prospective teachers:

Four-year courses offered by coöperation of Teachers College and the College of Liberal Arts and leading to the Bachelor of Science degree and a State four-year provisional high school certificate.

- A. English and History
- B. Latin and English
- C. Mathematics, Physics, and Chemistry
- D. Modern Language and English

- E. Latin and Modern Languages
- F. Biological Sciences
- G. Industrial Education
- H. Agricultural Education
- I. Home Economics
- K. Commercial Education.

II. Two-year courses offered entirely in Teachers College and leading to a State Teachers College diploma, and a State four-year provisional elementary or special certificate.

- A. Regular Grade Teachers
- B. Industrial Education
- C. Public School Music
- D. Home Economics
- E. Agricultural Education

## Requirements for Graduation

### Degree

THE degree of Bachelor of Science in Education is conferred upon those students who complete one hundred and twenty semester hours of academic and professional work, and four hours in physical education, as prescribed in the conspectus of courses (pp. 34-45).

### Diploma

The Teachers College diploma is conferred upon those students who complete one of the two-year courses of study prescribed in the conspectus of two-year courses.

All candidates for the degree in education or the diploma in Teachers College must possess the capacities and the physical and moral qualities necessary to make efficient and progressive teachers, who earnestly and conscientiously prepare themselves for teaching.

The holder of a diploma from a two-year course will be admitted to junior rank in a similar course leading to the Bachelor of Science degree.

### The William McGuffey Schools

The William McGuffey Schools occupy the south pavilion of McGuffey Hall, and are established to illustrate the best modern school organization and methods of instruction. They comprise the kindergarten and twelve years of elementary and secondary school, six years for elementary education and six years for secondary or high school education. Regular critic teachers have charge of the pupils under the direction of the Principal and the Director.

These schools serve as model and experimental schools and are used for practice by the student teachers. In this way the practice and observation occur amid real school conditions. All the problems of the public schools must be met and solved in the course of each student's term of practice. The practice schools include all the eight grades of the elementary schools, a kindergarten, and special class instruction in home economics, drawing, industrial arts, and music.



## Extension Work for Public Schools

### A. Visits and Conferences by Members of the Faculty

UPON application from city, village, and county or district superintendents, representatives from the Teachers College will visit the schools, with the superintendent, to advise with teachers as to the best methods of conducting the work in special subjects, suggesting equipment and laboratory exercises; to conduct round-table conferences with groups of teachers; and to deliver lectures to teachers, pupils, and patrons.

The Teachers College has arranged to be of as great service as possible to education in the state. Any of the public schools or teachers may take advantage of this section of the work of the college.

Sometimes these visits can be arranged without cost to the schools visited, but usually the expenses are to be borne by the local schools.

### Lending Lantern Slides and Laboratory Material

The Teachers College is prepared to lend to schools sets of lantern slides upon school improvements, geography, nature-study, travel, etc., and to send collections, specimens of field crops, and various other kinds of illustrative material for instruction in agriculture and nature-study.

In all such cases the school making the request will pay transportation.

A copy of the *Miami University Bulletin* of January, 1911, containing a list of all slides and specimens available, will be sent upon request.

### B. Extension Work for Credit

In order to meet the demands of the new law a large number of extension centers are established each year by the Teachers College. These extension centers are visited by

regular professors of the Teachers College. The work will be carried on in 1918-19 under the following conditions. Students who enter the extension class must have the same qualifications for admission as such course will require in residence. The course shall consist of not less than fifteen two-hour lessons or lectures or both in each course and the credit shall be two semester hours. The Teachers College will offer only such courses as are a part of its regular curriculum. Courses should begin not later than October 1st and each center must contain at least fifteen members. Any teachers interested in extension work should correspond with George E. Carrothers, Director of Extension Work, Oxford, Ohio.

## Conspectus of Four-Year Curricula

Leading to the Bachelor of Science Degree, and State Four-Year High School Provisional Certificate:

### A. English and History

#### FIRST YEAR

##### FIRST SEMESTER

English 100, Rhetoric and Composition .....	3
Public Speaking 200 .....	2
*Science .....	4
Education 100, Psychology .....	3
**Foreign Language .....	4
Physical Education .....	1

##### SECOND SEMESTER

English 100, Rhetoric and Composition .....	3
Public Speaking 200 .....	2
Science .....	4
Education 100, Psychology of Adolescence .....	3
Foreign Language .....	4
Physical Education .....	1

#### SECOND YEAR

English 210, Types of Literature.....	3
History 100, Introduction to the Study of History .....	4
Education 200, History of Education .....	2
**Foreign Language .....	4
Elective .....	3
Physical Education .....	1

English 210, Types of Literature.....	3
History 100, Modern History.....	4
Education 200, History of Education .....	2
Foreign Language .....	4
Elective .....	3
Physical Education .....	1

#### THIRD YEAR

English 300, Shakespeare, or 320, American Lit. ....	3
History 300 .....	3
Education 300, Principles of Teaching .....	3
†Special Method, English .....	2
Government .....	3
Elective .....	1 or 2

English 300 or 320.....	3
History 300 .....	3
Education 300, Principles of Teaching .....	3
Special Method, History.....	2
Government .....	3
English 372, Foundations of Grammar .....	2

#### FOURTH YEAR

History .....	3
English 320 or 300.....	3
School Administration 400, Organization in Secondary Schools .....	3
††Teaching and Observation .....	4
Elective to make 15 hours	

History .....	3
English 320 or 300.....	3
School Administration 400, Organization in Secondary Schools .....	3
Teaching and Observation.....	4
Elective to make 15 hours	

\*Botany, Chemistry, Geology, or Zoology.

\*\*If the student has had four years in foreign language in High School this subject is optional.

†Sp. Meth. either third or fourth year.

††Either first or second semester. Economic geography is recommended as a senior elective.

## B. Latin and English

## FIRST YEAR

## FIRST SEMESTER

English 100, Rhetoric and Composition .....	3
Public Speaking 200 .....	2
Latin 110, Cicero, Terence and Selections from Latin Poets.....	4
Education 100, Psychology.....	3
*Science .....	4
Physical Education .....	1

## SECOND SEMESTER

English 100, Rhetoric and Composition .....	3
Public Speaking 200 .....	2
Latin 110, Cicero, Terence and Selections from Latin Poets.....	4
Education 100, Psychology of Adolescence .....	3
Science .....	4
Physical Education .....	1

## SECOND YEAR

English 210, Types of Literature, or Greek 211, Literature.....	3
Latin 200, Horace and Plautus.....	3
Education 200, History of Education .....	2
**Elective .....	4 or 5
Physical Education .....	1

English 210, Types of Literature, or Greek 212 .....	3
Latin 200, Horace and Plautus.....	3
Education 200, History of Education .....	2
Elective .....	4 or 5
Physical Education .....	1

## THIRD YEAR

English 300 or 320.....	3
Latin 300, The Silver Age.....	3
Education 300, Principles of Teaching .....	3
Special Method, English .....	2
**Elective .....	4 or 5

English 300 or 320.....	3
Latin 300, The Silver Age.....	3
Education 300, Principles of Teaching .....	3
Special Method, Latin .....	2
English 372, Foundations of Grammar .....	2
Elective .....	2 or 3

## FOURTH YEAR

English 320 or 300.....	3
Latin 400, Advanced Course in Virgil .....	3
School Administration 400.....	3
†Teaching and Observation.....	4
*Elective to make 15 hours	

English 320 or 300.....	3
Latin 400, Advanced Course in Virgil .....	3
School Administration 400.....	3
Teaching and Observation .....	4
Elective to make 15 hours	

\*Botany, Chemistry, Geology, Physics, or Zoology.

\*\*Must elect three hours Sociology and six hours History, and should offer at least two years of Modern Language.

†Either first or second semester.



## C. Mathematics, Physics and Chemistry

## FIRST YEAR

FIRST SEMESTER		SECOND SEMESTER	
English 100, Rhetoric and Composition .....	3	English 100, Rhetoric and Composition .....	3
Public Speaking 200.....	2	Public Speaking 200.....	2
Chemistry 100 or 110, General Chemistry .....	4	Chemistry 100 or 110, General Chemistry .....	4
Mathematics 101, College Algebra .....	4	Mathematics 102, College Algebra and Trigonometry .....	4
Education 100, Psychology.....	3	Education 100, Psychology of Adolescence .....	3
Physical Education.....	1	Physical Education .....	1

## SECOND YEAR

Physics 200, General Physics.....	4	Physics 200, General Physics.....	4
Chemistry 201, Quantitative Analysis, Gravimetric.....	4	Chemistry 202, Quantitative Analysis, Volumetric .....	4
Mathematics 211, Analytical Geometry .....	3	Mathematics 222, Surveying .....	3
Education 200, History of Education .....	2	Education 200, History of Education .....	2
Physical Education .....	1	Physical Education .....	1
*Elective .....	2	*Elective .....	2

## THIRD YEAR

Chemistry 300, Organic.....	4	Chemistry 300, Organic.....	4
Physics 300, Mechanics and Heat .....	3	Physics 300, Electricity and Light and Sound .....	3
Mathematics 200, Calculus .....	3	Mathematics 200, Calculus .....	3
Education 300, Principles of Teaching .....	3	Education 300, Principles of Teaching .....	3
**Special Method, Math. ....	2	Special Method .....	2

## FOURTH YEAR

English 450, Lit. of Mod. Thought .....	3	English 450, Lit. of Mod. Thought .....	3
School Administration 400.....	3	School Administration 400.....	3
†Teaching and Observation.....	4	Teaching and Observation.....	4
*Elective to make 15 hours		*Elective to make 15 hours	

\*Elective must be from courses other than Mathematics and Science.

†Either first or second semester.

\*\*Either third or fourth year.

D. Modern Language and English

FIRST YEAR

FIRST SEMESTER		SECOND SEMESTER	
English 100, Rhetoric and Composition .....	3	English 100, Rhetoric and Composition .....	3
Public Speaking 200 .....	2	Public Speaking 200 .....	2
Modern Language: German, French, or Spanish .....	4	Modern Language: German, French, or Spanish .....	4
Science .....	4	Science .....	4
Education 100, Psychology.....	3	Education 100, Psychology of Adolescence .....	3
Physical Education.....	1	Physical Education .....	1

SECOND YEAR

English 210, Types of Literature..	3	English 210, Types of Literature..	3
Modern Language.....	3 or 4	Modern Language .....	3 or 4
History 100, Introduction to the Study of History.....	4	History 100, Introduction to the Study of History .....	4
Education 200, History of Education .....	2	Education 200, History of Education .....	2
Elective.....	2 or 3	Elective .....	2 or 3
Physical Education.....	1	Physical Education .....	1

THIRD YEAR

English 300, Shakespeare, or 320, American Literature .....	3	English 300, Shakespeare, or 320, American Literature .....	3
Modern Language.....	3 to 6	Modern Language .....	3 to 6
Education 300, Principles of Teaching .....	3	Education 300, Principles of Teaching .....	3
Special Method.....	2	Special Method .....	2
Elective to make 15 hours		Elective to make 15 hours	

FOURTH YEAR

English 320 or 300 .....	3	English 320 or 300 .....	3
Modern Language .....	3 or more	Modern Language .....	3
School Administration 400.....	3	School Administration 400.....	3
*Teaching and Observation.....	4	Teaching and Observation.....	4
Elective to make 15 hours		Elective to make 15 hours	

## E. Latin and Modern Foreign Language

### FIRST YEAR

FIRST SEMESTER		SECOND SEMESTER	
English 100, Composition and Rhetoric .....	3	English 100, Composition and Rhetoric .....	3
Public Speaking 200.....	2	Public Speaking 200 .....	2
Latin 110, Cicero, Terence and Selections from Latin Poets.....	4	Latin 110, Cicero, Terence and Selections from Latin Poets.....	4
Education 100, Psychology.....	3	Education 100, Psychology of Adolescence .....	3
Foreign Language .....	4	Foreign Language .....	4
Physical Education.....	1	Physical Education .....	1

### SECOND YEAR

Latin 200, Horace and Plautus.....	3	Latin 200, Horace and Plautus.....	3
Education 200, History of Education .....	2	Education 200, History of Education .....	2
*Modern Foreign Language.....	4 or 7	Modern Foreign Language.....	4 or 7
English .....	3	English .....	3
Elective to make 15 hours		Elective to make 15 hours	

### THIRD YEAR

Latin 300, Silver Age.....	3	Latin 300, Silver Age.....	3
Education 300, Principles of Teaching .....	3	Education 300, Principles of Teaching .....	3
Foreign Language .....	3 or 6	Foreign Language .....	3 or 6
Special Method .....	2	Special Method .....	2
Elective to make 15 hours		Elective to make 15 hours	

### FOURTH YEAR

Modern Foreign Language.....	3 or 6	Modern Foreign Language.....	3 or 6
History .....	3	History .....	3
School Administration 400.....	3	School Administration 400 .....	3
**Teaching .....	4	Teaching .....	4

\*A student may pursue two modern foreign languages if he has had 2 years of either one in high school.

\*\*Either first or second semester.

Note—First year of science and 6 hours of English must be elected.

## F. Biological Sciences

## FIRST YEAR

## FIRST SEMESTER

English 100, Rhetoric and Composition .....	3
Public Speaking 200.....	2
Botany 100, General Botany .....	4
Education 100, Psychology .....	3
Physical Education .....	1
Elective .....	4

## SECOND SEMESTER

English 100, Rhetoric and Composition .....	3
Public Speaking 200.....	2
Botany 100, General Botany .....	4
Education 100, Psychology of Adolescence .....	3
Physical Education .....	1
Elective .....	4

## SECOND YEAR

Chemistry 100 or 110, General Chemistry .....	4
Botany 221, Plant Physiology.....	3
Education 200, History of Education .....	2
Physical Education .....	1
Elective .....	6

Chemistry 100 or 110, Qualitative Analysis .....	4
Botany 222, Plant Pathology .....	3
Education 200, History of Education .....	2
Physical Education .....	1
Elective .....	6

## THIRD YEAR

Zoology 100, Introduction to Zoology .....	4
Botany 251, Bacteriology .....	3
Education 300, Principles of Teaching .....	3
Elective .....	6

Zoology 100, Introduction to Zoology .....	4
Botany 252, Bacteriology .....	3
Education 300, Principles of Teaching .....	3
Elective .....	6

## FOURTH YEAR

English 450, Lit. of Mod. Thought .....	3
Zoology 110, Entomology .....	4
School Administration 400 .....	3
Special Method .....	2
*Teaching and Observation.....	4
Elective to make 15 hours .....	

English 450, Lit. of Mod. Thought .....	3
Zoology 110, Entomology .....	4
School Administration 400.....	3
Special Method .....	2
Teaching and Observation .....	4
Elective to make 15 hours .....	

\*Either first or second semester.

Note—Student must elect at least 6 hours of History, and Physics if he has not had Physics in High School. Either Physics 100 or Mathematics 100 must be taken. Other electives must be taken from other subjects than Science.



## G. Industrial Education

## FIRST YEAR

## FIRST SEMESTER

Drawing 130, Object Drawing and Design .....	1
Drawing 150, Mechanical .....	2
Education 110, Psychology .....	3
English 100, Rhetoric and Composition .....	3
Industrial Arts 110, Woodworking .....	3
Mathematics 161, Trigonometry....	3
Physical Education .....	1

## SECOND SEMESTER

Drawing 130, Object Drawing and Design .....	1
Drawing 150, Mechanical .....	3
Education 110, Psychology of Adolescence .....	3
English 100, Rhetoric and Composition .....	3
Industrial Arts 110, Woodworking .....	3
Mathematics 162, Shop Mathematics .....	3
Physical Education .....	1

## SECOND YEAR

Chemistry 100 or 110, General Chemistry .....	4
Drawing 230, Constructive Design .....	1
Drawing 240, Descriptive Geometry .....	2
Industrial Arts 210, Cabinet Making .....	3
Public Speaking 200 .....	2
Sociology 200 .....	3
Physical Education .....	1

Chemistry 100 or 110, General Chemistry .....	4
Drawing 230, Constructive Design .....	1
Drawing 240, Descriptive Geometry .....	2
Industrial Arts 210, Cabinet Making .....	3
Public Speaking 200 .....	2
Sociology 200 .....	3
Physical Education .....	1

## THIRD YEAR

Drawing 301, Architectural.....	2
Education 321, History of the Practical Arts and Vocational Education .....	3
Industrial Arts (Selected Courses)	4
Physics 100, Freshman Physics.....	4
Elective .....	2

Drawing 302, Topographical, etc....	2
Education 312, Principles of Teaching .....	3
Industrial Arts (Selected Courses)	4
Physics 100, Freshman Physics.....	4
Elective .....	2

## \*FOURTH YEAR

## FIRST SEMESTER

Drawing 400, Machine Design.....	2
Industrial Arts (Selected Courses) 4	
Industrial Arts 451, Special Method .....	2
Teaching and Observation, Teaching Industrial Education..	2
Sociology 311, Labor Problems.....	3
School Administration 401, School Organization in Secondary Schools .....	3

## SECOND SEMESTER

Drawing 400, Machine Design.....	2
Industrial Arts (Selected Courses) 4	
School Administration 412, Organization and Administration of Vocational Education .....	3
Sociology 312, Rural Communities .....	3
Teaching and Observation 402, Teaching Industrial Education..	2
Elective (to make total of 124 hours)	

Students in Industrial Education are advised to spend one or more summers during their course in practical work in the industries. The demand for teachers who have had industrial work in commercial shops is increasing each year.

The student may make any one of the following combinations with the course in Industrial Education:—

Industrial Education and (a) Mathematics, (b) Physics, (c) Agriculture, or (d) Physical Education.

## Industrial Arts Combinations

## FIRST YEAR

Drawing 130, Object Drawing and Design .....	1	Drawing 130, Object Drawing and Design .....	1
Drawing 150, Mechanical Drawing .....	2	Drawing 150, Mechanical Drawing .....	3
Education 110, Psychology.....	3	Education 110, Psychology of Adolescence .....	3
English 100, Rhetoric and Composition .....	3	English 100, Rhetoric and Composition .....	3
Industrial Arts 110, Woodworking .....	3	Industrial Arts 110, Woodworking .....	3
Physical Education .....	1	Physical Education .....	1
(a), (b) Mathematics 101, Freshman Mathematics .....	4	(a), (b) Mathematics 102, Freshman Mathematics .....	4
(c), (d) Mathematics 161, Trigonometry .....	3	(c), (d) Mathematics 162, Shop Mathematics .....	3

\*As a one-hour elective in his senior year a student may do advanced work, under the direction of the instructor in charge, in an Industrial Arts or Drawing course in which he has shown exceptional ability and interest.

## SECOND YEAR

FIRST SEMESTER		SECOND SEMESTER	
Chemistry 100 or 110, General		Chemistry 100 or 110, General	
Chemistry .....	4	Chemistry .....	4
Drawing 230, Constructive		Drawing 230, Constructive	
Design .....	1	Design .....	1
Drawing 240, Descriptive Geom-		Drawing 240, Descriptive Geom-	
etry .....	2	etry .....	2
Industrial Arts 210, Cabinet		Industrial Arts 210, Cabinet	
Making .....	3	Making .....	3
(a), (b) Mathematics 211, Plane		(a), (b) Mathematics 212, Solid	
Analytic Geometry .....	3	Analytic Geometry .....	3
(c) Agricultural Education 221,		(c) Agricultural Education 222,	
Soils .....	3	Plant Breeding .....	3
(d) Zoology 121, Hygiene .....	3	(d) Zoology 122, Physiology.....	3
Physical Education .....	1	Physical Education .....	1

## THIRD YEAR

Education 321, History of the		Education 312, Principles of	
Practical Arts and of Vocational		Teaching .....	3
Education .....	3	Industrial Education (Selected	
Industrial Education (Selected		Course) .....	2
Course) .....	2	(a) Physics 100, Introductory	
(a) Physics 100, Introductory		Course .....	4
Course .....	4	(b) Physics 200, General Physics	4
(b) Physics 200, General Physics	4	(c) Agricultural Education 302,	
(c) Agricultural Education 301,		Animal Nutrition .....	3
Farm Animals .....	3	Zoology 110, Entomology .....	
Zoology 110, Entomology .....	4	(d) Botany 240, Bacteriology .....	3
(d) Botany 240, Bacteriology .....	3	Physical Education .....	1
Physical Education .....	1	Elective .....	5 or 6
Elective .....	5 or 6		

## FOURTH YEAR

Industrial Education (Selected		Industrial Education (Selected	
Course) .....	2	Course) .....	2
School Administration 401,		School Administration 412,	
School Organization in Sec-		Organization and Administra-	
ondary Schools .....	3	tion of Vocational Education....	3
Sociology 311, Labor Problems.....	3	Sociology 312, Rural Communities	3
Teaching and Observation,		Teaching and Observation,	
Teaching Industrial Education....	2	Teaching (a), (b), (c), or (d)..	2
(a) Mathematics 221, Trigonom-		(a) Mathematics 222, Surveying....	4
etry .....	4	(b) Physics 300, Electricity, Light	
(b) Physics 300, Mechanics and		and Sound .....	3
Heat .....	3	Elective (to make total of 124 hours)	
Elective .....	2		



## H. Agricultural Education

### (a) Chemistry; (b) Industrial Arts

#### FIRST YEAR

##### FIRST SEMESTER

Education 100, Psychology.....	3
English 100, Composition and Rhetoric .....	3
(a) Public Speaking 200.....	2
Botany 100, General .....	4
(a) Chemistry 100 or 110, General .....	4
(b) Drawing 130, Object Drawing and Design .....	1
(b) Drawing 150, Mechanical.....	2
(b) Industrial Arts 110, Wood-working .....	3
Physical Education .....	1

##### SECOND SEMESTER

Education 100, Psychology of Adolescence .....	3
English 100, Composition and Rhetoric .....	3
(a) Public Speaking 200.....	2
Botany 100, General .....	4
(a) Chemistry 100 or 110, General .....	4
(b) Drawing 130, Object Drawing and Design .....	1
(b) Drawing 150, Mechanical.....	3
(b) Industrial Arts 110, Wood-working .....	3
Physical Education .....	1

#### SECOND YEAR

Education 200, History of Education .....	2
Sociology 200, Social Problems.....	3
Agricultural Education 201, Soils .....	3
Botany 211, Mycology .....	3
(a) Chemistry 310, Quantitative Analysis .....	4
(b) Chemistry 100 or 110, General .....	4
Physical Education .....	1

Education 200, History of Education .....	2
Sociology 200, Social Problems.....	3
Agricultural Education 202, Plant Improvement .....	3
Botany 222, Plant Pathology.....	3
(a) Chemistry 310, Quantitative Analysis .....	4
Chemistry 310 or 110, General.....	1
Physical Education .....	4

#### THIRD YEAR

Agricultural Education 320, Methods of Instruction .....	2
Agricultural Education 301, Farm Animals .....	3
Education 300, Principles of Teaching .....	3
Zoology 110, Entomology .....	4
(a) Chemistry 300, Organic .....	4
(b) Industrial Arts 311, Concrete Construction .....	2
(b) Industrial Arts 411, Forging....	2

Agricultural Education 320, Methods of Instruction .....	2
Agricultural Education 302, Animal Nutrition .....	3
Education 300, Principles of Teaching .....	3
Zoology 110, Entomology .....	4
(a) Chemistry 300, Organic .....	4
(b) Industrial Arts 312, Frame Building Construction .....	2
(b) Industrial Arts 412, Bench Metalwork .....	2

#### FOURTH YEAR

School Administration 401, School Organization in Secondary Schools .....	3
Teaching 401 .....	3
Sociology 311, Labor Problems.....	3
Agricultural Education 311, Farm Management .....	3
(a) or (b) Elective .....	3

School Administration 412, Organization and Administration of Vocational Education .....	3
Sociology 312, Rural Communities	3
Agricultural Education 312, Horticulture .....	3
(a) or (b) Elective.....	6



## I. Home Economics

### FIRST YEAR

#### FIRST SEMESTER

Chemistry 120, Gen'l Chem.....	4
Drawing 121, Household Design.....	1
Education 111, Psychology .....	3
English 100, Rhetoric and Composition .....	3
Home Economics 111, Textiles.....	2
Zoology 121, Hygiene .....	3
Physical Education .....	1

#### SECOND SEMESTER

Chemistry 120, Gen'l Chem.....	4
Drawing 122, Costume Design.....	1
Education 112, Psychology of Adolescence .....	3
English 100, Rhetoric and Composition .....	3
Home Economics 112, Sewing.....	2
Zoology 122, Physiology .....	3
Physical Education .....	1

### SECOND YEAR

Botany 251, Bacteriology .....	3
Chemistry 231, Organic .....	4
Home Economics 201, Dress- making .....	2
Home Economics 210, Cookery....	2
Public Speaking 200 .....	2
Physical Education .....	1
Elective .....	2 or 3

Botany 252, Bacteriology.....	3
Chemistry 242, Physiological .....	4
Home Economics 210, Cookery.....	2
Home Economics 222, Home Management .....	2
Public Speaking 200 .....	2
Physical Education .....	1
Elective .....	2 or 3

### THIRD YEAR

Chemistry 331, Food Chemistry....	4
Education 321, History of Practical Arts and of Vocational Educa- tion .....	3
Home Economics 300, Advanced Cookery .....	2
Sociology 200, Social Problems.....	3
Elective .....	3

Education 312, Principles of Teaching .....	3
Home Economics 300, Advanced Cookery .....	3
Home Economics 312, Dietetics....	2
Home Economics, 322, Millinery....	2
Sociology 200, Social Problems.....	3
Elective .....	2 or 3

### FOURTH YEAR

Drawing 411, House Planning.....	2
Home Economics 411, Advanced Dietetics .....	2
Home Economics 451, Special Method .....	3
School Organization 401, Second- ary Schools .....	3
Teaching 420 .....	2

Drawing 412, House Furnishing....	2
Home Economics 402, Institutional Cookery .....	3
Home Economics 442, Advanced Dressmaking .....	3
School Organization 412, Practical Arts and Vocational Education..	3
Teaching 420 .....	2

Electives in this year to make a total of 124 hours.

## K. Commercial Education

## FIRST YEAR

## FIRST SEMESTER

English 100, Rhetoric and Composition .....	3
Education 111, Psychology .....	3
Mathematics 101, Algebra, or History 100, Introduction to Study of History .....	4
Modern Foreign Language.....	4
Typewriting .....	1
Physical Education .....	1

## SECOND SEMESTER

English 100, Rhetoric and Composition .....	3
Education 112, Psychology of Adolescence .....	3
Mathematics 102, Trigonometry, or History 100, Introduction to Study of History .....	4
Modern Foreign Language.....	4
Typewriting .....	1
Physical Education .....	1

## SECOND YEAR

Economics 100, Economic History	3	Economics 100, Economic History	3
Modern Foreign Language.....	4 or 3	Modern Foreign Language.....	4 or 3
Business English .....	3	Business Arithmetic .....	3
Public Speaking 200 .....	2	Public Speaking 200 .....	2
Physical Education .....	1	Physical Education .....	1
Elective to make 15 hours		Elective to make 15 hours	

## THIRD YEAR

Education 321, History of Practical Arts and of Vocational Education .....	3	Education 312, Principles of Teaching .....	3
Stenography, Typewriting .....	3	Stenography, Typewriting .....	3
Economics 301, Money and Banking .....	3	Commercial Law .....	3
Accounting .....	3	Special Method .....	2
Economic Geography .....	3	Economic Geography .....	3

## FOURTH YEAR

Business Organization .....	3	Business Organization .....	3
Stenography and Typewriting.....	3	Government 302, American Government, State and Municipal....	3
English 450, Literature of Modern Thought .....	3	English 450, Literature of Modern Thought .....	3
School Administration .....	3	School Administration .....	3
Electives .....	3	Teaching .....	4
Electives to make total of 124 hours			

## Conspectus of Two-Year Curricula

### A. Regular Grade Teachers

#### FIRST YEAR

##### FIRST SEMESTER

*Agriculture 101, Elementary	
Agriculture .....	3
Drawing 101, Public School	
Drawing .....	1
Education 151, Psychology.....	3
English 151, Composition and Literature .....	3
*Geography 151, Home and World Geography .....	4
*History 151, United States History .....	4
*Mathematics 151, Mathematics for the First Six Grades.....	4
Music 101, Elementary Music.....	1
Physical Education .....	1½
15½ or 16½ hours must be carried	

##### SECOND SEMESTER

*Agriculture 101, Elementary	
Agriculture .....	3
Drawing 102, Public School	
Drawing .....	1
Education 152, Principles of Teaching .....	3
English 152, Composition and Literature .....	3
*Geography 151, Home and World Geography .....	4
*History 151, United States History .....	4
*Mathematics 151, Mathematics for the First Six Grades.....	4
Music 102, Elementary Music.....	1
Physical Education .....	1½
15½ or 16½ hours must be carried	

#### SECOND YEAR

##### First Six Grades

##### FIRST SEMESTER

*English 271, Method in Grammar .....	1
*English 261, Reading and Language .....	2
*Home Economics 101, Sewing and Cooking .....	3
*Industrial Arts 201, Public School Handwork .....	2
Music 201, Public School Music.....	1½
Physical Education .....	1½
*Public Speaking 251, Reading Method .....	2
*School Administration 251, School Organization in Elementary Schools .....	3
Teaching 250, Practice Teaching and Observation .....	5
Zoology 251, Sanitation and Health .....	3
16 hours must be carried	

##### SECOND SEMESTER

Education 251, History of Education .....	3
Education 272, Educational Sociology .....	2
*English 271, Method in Grammar .....	1
*English 261, Reading and Language .....	2
*Home Economics 101, Sewing and Cooking .....	3
*Industrial Arts 201, Public School Handwork .....	2
Music 202, Public School Music.....	1½
Physical Education .....	1½
*Public Speaking 251, Reading Method .....	2
*School Administration 251, School Organization in Elementary Schools .....	3
Teaching 250, Practice Teaching and Observation .....	4
16 hours must be carried	



## Seventh and Eighth Grades

Teachers for the seventh and eighth grades will take:

*English 271 .....	1
Observation .....	3
Physical Education .....	1
*Public Speaking 251 .....	2
*School Administration 251 .....	3
Teaching 250 .....	6
Zoology 251 .....	3

and 11 hours chosen from the following:

Agriculture .....	3	Library Economy .....	3
Economics .....	3	Mathematics .....	3
English .....	6	Methods in Primary Grades.....	2
History and Civics.....	3	Music .....	1
Zoology .....	3		

*Note*—Courses marked (\*) are one-semester courses, and may be taken in either semester.

## B. Industrial Education

## FIRST YEAR

## FIRST SEMESTER

Drawing 130, Object Drawing and Design .....	1
Drawing 150, Mechanical .....	2
Education 161, Psychology of Adolescence .....	3
English 100, Rhetoric and Composition .....	3
Industrial Arts 110, Wood- working .....	3
Mathematics 161, Trigonometry....	3
Physical Education .....	1

## SECOND SEMESTER

Drawing 130, Object Drawing and Design .....	1
Drawing 150, Mechanical .....	2
Education 162, Principles of Teaching .....	3
English 100, Rhetoric and Composition .....	3
Industrial Arts 110, Wood- working .....	3
Mathematics 162, Shop Mathe- matics .....	3
Physical Education .....	1

## SECOND YEAR

Drawing 230, Constructive Design .....	1
Drawing 240, Descriptive Geometry .....	2
Education 211, History of Man- ual Arts and Vocational Education .....	2
Industrial Arts 210, Cabinet Making .....	3
Industrial Arts (Elective).....	2
School Administration 401, School Organization in Second- ary Schools .....	3
Teaching and Observation 401, Teaching Industrial Arts.....	2

Drawing 230, Constructive Design .....	1
Drawing 240, Descriptive Geometry .....	2
Industrial Arts 210, Cabinet Making .....	2
Industrial Arts 332, Special Method .....	3
Industrial Arts (Elective).....	2
Education 412, Organization and Administration of Vocational Education .....	3
Teaching and Observation 402, Teaching Industrial Arts.....	2



Students are advised to take the four-year course and receive the degree of Bachelor of Science in Education, thereby placing themselves in line for the better teaching positions, especially in high schools.

The above course is arranged for those who must teach after two years of study. If possible students should take additional Industrial Education courses during the Summer Session of the University between their freshman and sophomore years.

Entrance to the *two-year* course is limited to students of some maturity or of manifest ability in mechanical work, or to those who have had teaching experience.

### C. Public School Music

#### FIRST YEAR

FIRST SEMESTER		SECOND SEMESTER	
Drawing 100.....	1	Drawing 100.....	1
Education 151.....	3	Education 152.....	3
English 151.....	3	English 152.....	3
Music 110.....	3	Music 110.....	3
Music 120.....	2	Music 120.....	2
Music 130.....	2	Music 130.....	2
Music 140.....	2	Music 140.....	2
Physical Education.....	1½	Physical Education.....	1½

#### SECOND YEAR

Music 210.....	3	Music 210.....	3
Music 220.....	3	Music 220.....	3
Music 230.....	2	Music 230.....	2
Music 240.....	2	Music 240.....	2
Teaching 270.....	3½	Teaching 270.....	3½
School Administration 251.....	3	Education 251, History of Education.....	3

NOTE—Special fees are charged for private lessons in voice. The following rental fees for the use of instruments are required:

Piano: \$4 a semester, one hour each day.

Pipe organ: \$7.50 a semester, one hour each day.

Extra hours *pro rata*.

## D. Home Economics

### FIRST YEAR

#### FIRST SEMESTER

Chemistry 120, General Chemistry	4
Drawing 121, Household Design....	1
Education 111, Psychology .....	3
English 150, Composition and Literature .....	3
Home Economics 111, Textiles .....	2
Home Economics 210, Cookery.....	2
Physical Education .....	1

#### SECOND SEMESTER

Chemistry 120, General Chemistry	4
Drawing 121, Costume Design.....	1
Education 312, Principles of Teaching .....	3
English 150, Composition and Literature .....	3
Home Economics 112, Sewing.....	2
Home Economics 210, Cookery.....	2
Physical Education .....	1

### SECOND YEAR

Botany 251 .....	3	Chemistry 272, Food Chemistry....	2
Chemistry 270, Food Chemistry....	2	Home Economics 222, Home Management .....	2
Education 321, History of Practical Arts .....	3	Home Economics, 232, Sanitation..	1
Home Economics 201, Dress- making .....	2	Home Economics 302, Advanced Cookery .....	3
Home Economics 301, Advanced Cookery .....	2	Home Economics 312, Dietetics.....	2
Home Economics 451, Special Method .....	3	School Administration 412, Prac- tical Arts .....	3
Teaching 420 .....	2	Teaching 420 .....	2

## E. Agricultural Education

(For township superintendents, principals, and science teachers in agricultural communities)

Upon the approval of the professor of Agricultural Education, and under his direction, a group of studies amounting to two years' work may be selected from the four-year course in agriculture, upon satisfactory completion of which a Teachers College diploma for special teachers in Rural Industrial Education will be granted.

## Courses of Instruction

THE following pages show the organization of courses under: (1) The Principles of Education, including Psychology, Principles of Teaching, History of Education and Educational Sociology; (2) Practice Teaching, including observation, conference, plan-writing and class-room teaching; (3) School Organization, including The Elementary Course of Study, School Room Management, School Laws; (4) Content and Method, under which will be found an alphabetical list of the courses.

Content courses offered in the College of Liberal Arts for B. S. students are described in the general catalog of the University, which made be had upon application.

### Principles of Education

JOHN WALTER HECKERT, Ph. D., Professor

FRED C. WHITCOMB, B. S., Professor

W. H. WILEY, A. M., Professor

W. S. GUILER, A. M., Associate Professor

BLANCHE L. McDILL, A. M., Instructor

100. PSYCHOLOGY AND ADOLESCENCE. A course in general and applied psychology for those who are preparing to teach in high school. The first semester will treat, in a general way, of the elementary characteristics of consciousness and their relation to behavior. In the second semester the more advanced theories and recent experimental data bearing upon the special period of adolescence will be considered. Some work in experimental pedagogy, especially in high school subjects, will initiate the pupil into this promising field of applied psychology. Both semesters. Six hours credit. Mr. Guiler.
110. PSYCHOLOGY: CHILD-STUDY AND ADOLESCENCE. A course in general and applied psychology for those who are preparing to teach drawing, industrial arts, agriculture, and home economics in high schools. Three hours credit. Mr. Whitcomb.
151. PSYCHOLOGY, INCLUDING CHILD-STUDY. Education as the control of conduct. The factors in the control of conduct: instinctive tendencies, feelings and emotions, habits, thought and its product, organized experience. Nature of instincts and their significance



in education. Nature of feelings and emotions and their practical significance in conduct. The physical basis of mental life. Habitual behavior and the law of habit formation. Sensation as the process of supplying the mind with raw materials of thought. Perception as the process of interpreting sensory impressions. Memory as the process of retention of experience. The imagination in relation to thinking. Thinking as a mode of controlling conduct: the process and its product.

**CHILD-STUDY.** A brief survey of the periods of development in the life of the child. Children's instincts and their function in the educative process. The development of intellect, of the moral nature, and of motor control. Heredity and abnormalities in children. First semester. Three hours credit. Mr. Heckert, Mr. Guiler, and Miss McDill.

152. **PRINCIPLES OF TEACHING AND METHOD OF RECITATION.** A course in the application of principles of general and educational psychology to the problem of teaching. Observation of teaching in the William McGuffey Schools and experimentation in class constitute a part of the work in this course. Method of the recitation: the principles of teaching applied to the problem of the recitation. A discussion of these problems. The application of the principles of teaching in the preparation of lesson plans in the several branches of the curriculum of the elementary school illustrated. Second semester. Three hours credit. Mr. Heckert, Mr. Wiley, and Miss McDill.
161. **PSYCHOLOGY AND ADOLESCENCE.** A course similar to Education 151 but arranged more expressly for those who are preparing to teach drawing, industrial arts, agriculture and home economics in elementary schools. A brief study is made of the adolescent period of child life. Three hours credit. Mr. Whitcomb.
162. **PRINCIPLES OF TEACHING AND METHOD OF THE RECITATION.** A course in the application of the principles of educational psychology to the problem of teaching. The course is similar to Education 152 but some attention is given to application of the principles of teaching subjects in the practical arts. In treating the subject of the method of the recitation the peculiar needs of the practical arts are given attention. Lesson plans for both academic and practical arts subjects are worked out. Three hours credit. Mr. Whitcomb.
200. **HISTORY OF MODERN EDUCATION.** A study of present educational institutions, curricula, and aims in the light of their development since the Renaissance, with special emphasis on



the evolution of secondary education and city school systems in America. Lectures, required reading, discussions, and reports. Two hours credit. Mr. Guiler.

211. HISTORY OF THE PRACTICAL ARTS AND OF VOCATIONAL EDUCATION. The history and development of the practical arts in education, including the manual arts, home economics, industrial and vocational guidance, etc. After brief reference to the attitude of the ancient nations toward the practical in education, the course continues with the emphasis placed by the educational reformers on the practical arts in education. The course closes with consideration of modern tendencies in education. Three hours credit. Mr. Whitcomb.
251. HISTORY OF EDUCATION. Education in the middle ages. Renaissance and humanistic education. The reformation and its influence upon education. Educational tendencies during the seventeenth and eighteenth centuries: realistic education; the disciplinary conception of education; the naturalistic movement represented by Rousseau. The psychological tendency as represented by Pestalozzi, Herbert, Froeble, and Rosmini. The scientific tendency. The sociological tendency. The present tendencies in education, especially in the United States. Either semester. Three hours credit. Mr. Wiley.
272. EDUCATIONAL SOCIOLOGY. The purpose of the course is to set forth the social influences of the school in developing the child's efficiency as a member of society: (a) of those within the school room, play ground, school garden, etc.; (b) of those obtained through the co-operation of home and school, i. e., mothers' and parents' meetings, educational associations, etc. Second semester. Two hours credit. Mr. Wiley.
301. THE PRINCIPLES OF EDUCATION. Educational aims and conditions essential to the educative process. Place of education in the life of the individual and in society. Function of the environment in education. Education conceived as direction, growth, preparation, formal discipline, etc. Function of education in American society. (2) The process of education in the individual. Conditions of individual development. Learning by trial and error. The organization of experience by conscious methods and purposes. The problem of formal discipline. The significance of interest in the educative process. The importance and meaning of play. (3) The nature of method. (4) Nature and function of subject matter. (5) Educational agencies. Three hours credit. Mr. Heckert.

302. **THE PRINCIPLES OF TEACHING.** A study of the principles of teaching with special reference to their application in high school branches. Among the topics discussed are the following: the special function of the high school in the educative process; the several modes of learning in their application to high school studies; the organization of lessons when the chief end in view is mental drill, the development of concepts, or their application; training the high school student to think and organize materials; questioning; teaching pupils to study; preparation of lesson plans; measuring the results of teaching. Three hours credit. Mr. Heckert.
312. **PRINCIPLES OF TEACHING AND METHOD OF RECITATION.** A course arranged for students preparing to teach drawing, industrial arts, agriculture, and home economics in high schools. The problem of teaching, in its different aspects, is considered, particular attention being paid to problems arising in connection with teaching the practical arts. Lesson plans are prepared. Three hours credit. Mr. Whitcomb.

## Practice Teaching

JOHN WALTER HECKERT, Ph. D., Director  
Critic Teachers

250. **REGULAR GRADE.** Students prepare series of lessons and teach them in the William McGuffey Elementary School. This work is organized on two fundamental principles: (1) that the students must not fail in their practice teaching thru any lack of preparation, and (2) that the development and establishment of right ideals and methods of teaching in the minds of the student teachers demand that the practice teaching be carried on under careful supervision and criticism, and that it extend over a considerable period of time. With these ends in view, the courses in history, geography, and English are offered in the first year, as are also the courses in psychology, the principles of teaching, the method of recitation, and the history and teaching of mathematics. The special method in spelling, reading, and literature is given during the second year. While the students are studying the principles of teaching, they are required to observe the teaching of critic teachers. In this manner they obtain a more comprehensive view of the meaning of these principles and also come to know the class-room situation. Finally, students are taught to plan lessons. Continuous teaching of about one-half hour daily begins with the sophomore year and continues to its

close. During this time students are under the immediate direction of the critic teachers, to whom they are responsible for preparation and the actual teaching of lessons. During the entire year, however, student teachers who require more care than the critic teachers are able to give them will be in charge of the Director. Prerequisite, Education 150. Total credit for the year, nine hours.

- 260. INDUSTRIAL EDUCATION. Observation, making lesson plans, and teaching under supervision in the William McGuffey Schools. Two hours credit. The Director and Mr. Whitcomb.
- 270. PUBLIC SCHOOL MUSIC. Similar treatment of the course above. Three and one-half hours credit. The Director and Miss Sweet.
- 280. HOME ECONOMICS. Similar treatment of the course above. Two hours credit. The Director, Miss Hanna, and Miss Meadows.
- 290. AGRICULTURAL EDUCATION. Similar treatment of the course above. Two hours credit. The Director and Assistant.
- 401. HIGH SCHOOL TEACHERS. Students desiring to prepare themselves for teaching in secondary schools will take their practice teaching in the William McGuffey High School. Candidates for practice teaching must have completed the course in the principles of teaching for secondary teachers. To assure thorough preparation in subject-matter they will be required to teach one of their majors, preferably the one in which they rank highest. A rank of "C" or less in any subject should in general be looked upon as a disqualification for teaching that subject. Students will teach one period of forty-five minutes per day—exclusive of laboratory periods—for twelve weeks. Either semester. Three hours credit. The Director and high school critic teachers.

### School Administration

HARVEY C. MINNICH, Ped. D., Professor  
FRED C. WHITCOMB, B. S., Professor

- 251. SCHOOL ORGANIZATION IN ELEMENTARY SCHOOLS. A general discussion of the elementary course of study, its aim and organization. A comparative study of schoolroom control and class organization; daily programs, attendance, school records; the School Code of Ohio. Either semester. Three hours credit. Mr. Minnich.
- 400. SCHOOL ORGANIZATION IN SECONDARY SCHOOLS. A study is made of the national, state, and local factors in American secondary school organization and administration. The main features of the American secondary schools are compared with secondary



education in France, Germany, and England. Courses of study for high schools are constructed and compared. School statutes relative to high schools; organization of high schools; internal control and co-operative agencies. Three hours credit. Mr. Minnich.

412. ORGANIZATION AND ADMINISTRATION OF VOCATIONAL EDUCATION. (a) Organization of this work in different kinds and grades of schools; (b) preparation of courses of study; (c) planning equipments to meet different conditions, with costs of same; (d) study of the school and industrial survey to determine courses to be offered. A thesis is required at the end of the course. Three hours credit. Mr. Whitcomb.

## Content and Method

### Agricultural Education

BENJAMIN MARSHALL DAVIS, Ph. D., Professor  
MILDRED DOUTHITT, Assistant

101. ELEMENTARY AGRICULTURE. This course consists of a general survey of the principles of agriculture and their applications to farm practice. Illustrative material is selected and presented with special reference to use in instruction in elementary schools. Text: Davis's *School and Home Exercises in Elementary Agriculture*. One lecture and two laboratory periods a week. Either semester. Three hours credit. Mr. Davis and Miss Douthitt.
201. SOILS. Properties, principles of fertility, and management. The course is introduced by a brief physiological study of the plant and its relation to the soil and is followed by detailed studies of the soil as formation, types, physical and chemical properties, water, air, micro-organisms, fertilizers, drainage and tillage. Text: Lyon, Fippin and Buckman's *Soils, their Properties and Management*. Prerequisite, Chemistry 100 or 110, or a good high school course. Two recitations and one laboratory period. First semester. Three hours credit. Mr. Davis.
202. PLANT BREEDING. Biological principles underlying plant and animal improvement, including an elementary study of genetics. Application of these principles in selection and improvement of plants and animals. Text: Bailey and Gilbert's *Plant Breeding*. Prerequisite, Botany 100 or a good high school course. Two recitations and one laboratory period. Second semester. Three hours credit.



301. ANIMAL NUTRITION. Physiology of animal nutrition, principles of feeding, study of feeding materials, and practice of feeding farm animals. Text: Woll's *Productive Feeding of Farm Animals*. Prerequisite, Chemistry 100 or 110 or a good high school course. First semester. Three recitations a week. Three hours credit. (Not given in 1918-19.) Mr. Davis.
302. FARM ANIMALS. Study of livestock industry with reference to production and markets, classification of farm animals, their history and development, characteristics of various types and breeds, principles of stock judging. Text: Vaughan's *Types and Market Classes of Livestock*. Two recitations and one laboratory period. Second semester. Three hours credit. Not given in 1918-19.
311. FARM MANAGEMENT. Application of principles of business organization to farm management in use of capital, labor, horses and farm machinery, and in buying and selling. Text: Warren's *Farm Management*. First semester. Three recitations. Three hours credit. Mr. Davis.
312. HORTICULTURE. Propagation and care of plants in orchard and garden. Two recitations and one laboratory period. Three hours credit. Mr. Davis.
310. METHODS OF INSTRUCTION. A course dealing with the problems of agricultural instruction in high schools. Particular attention is given to various methods of instruction and to the relation of the school to a rural community. Two recitations. Two hours credit.

## Drawing

See Industrial Education

## English

FRANCES GIBSON RICHARD, A. M., Associate Professor

ADELIA WELLS CONE, A. B., Assistant Professor

Critic Teachers

151. COMPOSITION AND LITERATURE. Theme writing. Drill in story telling. Literature for children, including Greek and Norse mythology, medieval Continental legends, the Arthurian cycle, the Robin Hood cycle, and miscellaneous stories from American history and literature. First semester. Three hours credit. Mrs. Richard and Miss Cone.
152. COMPOSITION AND LITERATURE. Theme writing. Selections from modern literature of material for grade work. Organization of material by grades. Dramatization of grade material.

Study of the short story, based upon a text-book and classical selections. Second semester. Three hours credit. Mrs. Richard and Miss Cone.

251. COMPOSITION AND SPELLING. Composition: aims in teaching oral and written composition; the difficulties in the way; the materials upon which the work should be based; organization of thought as an element in composition writing; teaching form in language; effective ways of making corrections. Spelling: selection of words to be assigned for one lesson; facts pupils should know about each word; proper methods of teaching spelling from the point of view of psychology. One hour credit. (Not given in 1917-18.)
261. READING AND LANGUAGE. What a good method of teaching reading ought to provide for; a criticism of various methods from this point of view; teaching pupils to read for thought, for expression, with fluency; the use of the "reader" in the upper grades; proper materials for reading in the several grades; methods of presenting literary wholes; what can be done to secure appreciation of good literature. Either semester. Two hours credit. Miss Woodley.
271. METHOD IN GRAMMAR. The purpose of the course in grammar; the proper sequence of topics of study; the selection of material for a motive; the inductive method of treatment. Either semester. One hour credit. Miss Cone.

## Geography

J. HOWARD JOHNSON, A. B., Acting Associate Professor

151. ESSENTIALS OF GEOGRAPHY This course includes a study of what elementary school geography should be from the point of view of content and method of presentation. Special attention will be given to the study of the physical and industrial aspects of home geography, the geography of the United States thru a series of types, and the fundamental principles of geographic controls of climate, relief, and life as seen in the results of world geography. Three recitations and one laboratory period a week. Repeated each semester. Four hours credit.

## History

CLARENCE EDWIN CARTER, Ph. D., Professor

151. THE HISTORY OF THE UNITED STATES TO 1790. Early American history from the period of discovery to the making of the Federal Constitution. Attention is given to such subjects as the European background, motives for colonization, the life of the people,

governmental institutions, the conflict between France and England for the control of North America, the relations of the colonies to the mother country, the American Revolution, the period of the Confederation and the organization of the Federal government. Four hours credit. One hour of the four will be devoted to methods of teaching history.

251. THE HISTORY OF THE UNITED STATES 1790-1918. Emphasis is laid on such topics as political parties, the slavery controversy, problems arising out of the civil war and reconstruction periods, and the social and economic development of the whole period. Three hours credit. Not given in 1918-19.

## Home Economics

MARTHA J. HANNA, A. M., Assistant Professor

ADA MEADOWS, A. M., Instructor

MABEL WEST, Instructor

101. COOKING AND SEWING. In two parts. First part: *Cookery and Home Management*. This work will include: preparation and serving of foods; food sanitation; marketing; household accounts. Lecture and laboratory work. One and one-half hours credit. Miss Hanna and Miss West.
- Second part: *Sewing and Handwork*. This course includes a brief study of cotton, linen, wool and silk fibers. Laboratory work consists of darning, patching, use of commercial patterns, construction of garments and handwork. One and one-half hours credit. Miss Meadows.
111. TEXTILES. The production, properties, preparation and treatment of fibers used in textile manufacture. The historical development of spinning and weaving, and the modern processes of manufacturing. The laboratory work includes weaving, dyeing, laundry work, chemical and microscopic tests of fibers. Characteristics of wool, cotton, linen, and silk materials are studied in order that the student may be a competent judge of the quality. One lecture and three hours laboratory work a week. First semester. Three hours credit. Miss Meadows and Miss West.
112. ELEMENTARY SEWING. The fundamental principles of drafting and cutting patterns from measurements. The making of garments from drafted and commercial patterns. The use and care of machines. Red Cross Work. Students furnish most of the material they use. One lecture and four hours laboratory work



- a week. Drawing 121 and Home Economics 111 are prerequisite and Drawing 122 must be taken as a parallel course. Second semester. Three hours credit. Miss Meadows.
132. **SANITATION.** A study of water supply systems, sewers, disposal of waste, milk supplies, ice supplies, and shops sanitation in so far as their products entering the home may spread contagion; general sanitation of the home, disinfection, fumigation, cleanliness. One lecture a week. Second semester. One hour credit. Miss Hanna.
201. **DRESSING.** Emphasis is placed on artistic and skillful hand sewing and on application of the principles of costume design. Problems are: making lingerie dress, tailored shirtwaist, and linen skirt, and garment construction as applied to Red Cross garments. Course 201 is prerequisite. Students furnish most of the material they use. One lecture and five hours laboratory work a week. First semester. Two hours credit. Miss Meadows.
210. **ELEMENTARY COOKERY.** A study of the principles and methods involved in the selection and preparation of food. The composition and characteristics of the food-stuffs. The production and manufacture and the comparative nutritive and economic values of foods. Conservation of food. One lecture and three hours laboratory work a week. Two hours credit. Miss Hanna and Miss West.
222. **HOME MANAGEMENT.** The economic history of the household. The family income and its expenditure. The budget system. Necessaries for efficient living. House maintenance, furnishing, and equipment. Operating expenses. Cost of food and clothing. Thrift. Methods of saving. Methods of buying household and food supplies. Use and cost of household conveniences. Care of the house. Practice in the administration of a household thru use of the apartment in the Home Economics Department. One lecture and three hours laboratory work a week. Second semester. Two hours credit. Miss Hanna.
301. **ADVANCED COOKERY.** Principles of cookery reviewed and applied independently. Advanced cookery. Preservation of food. Food conservation. Preparation and serving of meals at a given cost. Menu-making. Course 210 is prerequisite. One lecture and three hours laboratory work a week. First semester. Two hours credit. Miss Hanna.
302. **ADVANCED COOKERY (continued).** One lecture and six hours laboratory work a week. Three hours credit. Second semester. Miss Hanna.



312. **DIETETICS.** A study of the fundamental principles of human nutrition as applied to the feeding of individuals and groups under varying physiological, economic, and social conditions. The requirements of the individual in health and under such pathological conditions as are chiefly dependent upon dietetic treatment. Typical dietaries are planned and prepared. Course 210 is prerequisite. One lecture and three hours laboratory work a week. Two hours credit. Second semester. Miss Hanna.
411. **DIETETICS.** A continuation of Home Economics 312. Required of students taking the four-year course in Home Economics. One lecture and three hours laboratory work a week. Two hours credit. First semester. Miss Hanna.
402. **INSTITUTIONAL COOKERY.** The purpose of this course is to give practice in handling materials in quantities for large groups. The course will include practice in planning and serving meals of varying costs. Luncheons of minimum cost will be planned with regard to the demands of the school or cafeteria. Methods of buying for institutions, dietaries for institutions, and menu-making for institutions will be considered together with a study of equipment for institutional cookery and the organization of the daily routine. The laboratory work of this course will be given in the kitchens of the women's halls. One lecture and six hours laboratory work a week. Prerequisite, courses 210 and 300. Second semester. Three hours credit. Miss Feeny.
421. **ADVANCED DRESSMAKING.** This course includes the making of a wool dress for school and a silk dress. Especial attention is given to the study of methods used in working on wool material and in giving student skill in handling silk and lighter materials such as chiffon and marquisette. Study of History of Costume. Standardization of dress. Working out of Food Conservation Uniform. Prerequisite is Home Economics 202. One lecture and six hours laboratory a week. First semester. Three hours credit. Miss Meadows.
422. **MILLINERY AND HANDWORK.** This course consists of the working out of several problems in handwork, designing, construction and trimming of hats, making of flowers, and the planning, designing, and construction of pageant costumes. Knitting for Red Cross. Courses 101 and 120 are prerequisite. Second semester. Two hours credit. Miss Meadows.
432. **HOUSE FURNISHING.** The application of the principle of harmony in line, in dark and light, and in color to designs in interior dec-

oration. Development of house, history of furniture, household textiles and application of good principles of home decoration to practical problems are taken up. Drawing 120 is prerequisite. One lecture a week. Second semester. One hour credit. Miss Swisher. (To be given hereafter as Drawing 432.)

## Industrial Education

FRED CAMPBELL WHITCOMB, B. S., Professor  
MARY EDNA FLEGAL, B. S., Assistant Professor  
FOREST TORIAS SELBY, B. S., Assistant Professor  
AMY SWISHER, B. S., Assistant Professor  
GERTRUDE WALLACE, Instructor  
CLYDE PIERSON, Assistant  
ALBERT GRINNELL, Assistant  
HERSCHEL APPELEGATE, Assistant  
WILLIAM G. CURRAN, Assistant

## Drawing

100. PUBLIC SCHOOL DRAWING. The purpose of this course is to meet the needs of the grade teacher in art work. Elementary drawing and the principles of design with many applications are stressed. One hour credit. Miss Flegal.
110. OBJECT DRAWING AND SKETCHING. The emphasis in this course is placed upon the technical expression of art principles. Elementary perspective is also included. One hour credit.
121. HOUSEHOLD DESIGN. Arranged for Home Economics students. The application of principles of design is made to problems related to the house and home. One hour credit. Miss Swisher.
122. COSTUME DESIGN. Arranged for Home Economics students. The principles of design are studied in relation to dress. One hour credit. Miss Swisher.
130. OBJECT DRAWING AND ELEMENTARY DESIGN. A short course arranged for Industrial Arts students. (a) Elementary freehand perspective with the purpose of representing form in the drawing of objects. (b) Practical application of the principles of design in problems arising in Industrial Arts courses 110, 221, and 322. One hour credit. Mr. Whitcomb and Miss Wallace.
150. MECHANICAL DRAWING. (1) Technical freehand sketching, (2) freehand lettering, (3) orthographic projection, (4) simple working drawings, (5) pictorial representation, (6) tracings, (7) blue printing. Text: French's *Engineering Drawing*. Students may rent instruments. Two hours credit. Mr. Whitcomb and Mr. Pierson.

221. HOUSE PLANNING. Arranged for Home Economics students. (a) blue prints of a small house are copied to a different scale; (b) each student designs and makes the plans and specifications for a house; (c) the class studies the various problems which arise in planning and building a house. One hour credit. Mr. Whitcomb and Mr. Grinnell.
230. CONSTRUCTIVE DESIGN AND FREEHAND PERSPECTIVE. The principles of design are studied and used in making a number of designs for furniture. Perspective drawings are also made from these designs. Text: Varnum's *Industrial Arts Design*. Drawing 130 and 150 and Industrial Arts 110 are prerequisite. One hour credit. Mr. Selby.
240. DESCRIPTIVE GEOMETRY. The student, having completed a course in practical mechanical drawing (Drawing 150), now studies the theory of orthographic projection. Problems relating to points, lines, planes, curved lines and surfaces are discussed in class and worked out in the drafting room. Text: Smith's *Practical Descriptive Geometry*. Two hours credit.
301. ARCHITECTURAL DRAWING. The drafting of a set of house plans is made the basis for the course. Drawing 130 and 150 are prerequisite. Two hours credit. Mr. Whitcomb and Mr. Grinnell.
302. MAP, TOPOGRAPHICAL DRAWING, ETC. (a) Mechanical perspective; (b) shades and shadows; (c) map and topographical drawing; (d) patent office drawings. Drawing 130 and 150 are prerequisite. Two hours credit.
400. MACHINE DRAWING AND DESIGN. An elementary course in this subject. Drawing courses 130 and 150 are prerequisite. Text: Reid's *Mechanical Drawing and Elementary Machine Design*. Two hours credit. Mr. Selby.
431. HOUSE PLANNING. Arranged for Home Economics students. Will be given in 1918-19 in place of course 221. Two hours credit.
432. HOUSE FURNISHING. Applications of design principles to interior decoration are carried out in line, dark and light, and color. Practical problems in home decoration involving a study of textiles and the history of furniture are also taken up. Will be given in 1918-19 in place of Home Economics 432. Drawing 121 and 122 are prerequisite. Two hours credit. Miss Swisher.
- COURSES OFFERED 1917-18: 100, 121, 122, 130, 150, 152, 230, 301, 432.



## Industrial Arts

110. **WOODWORKING.** From working drawings and blue prints, a number of simple pieces of woodwork are made. The correct use of tools is emphasized. By means of lectures, readings, drawings, and experiments, the following topics are considered: the classification, construction, use, and evolution of tools; forms of fastenings; wood finishings; seasoning of wood; lumbering; saw milling and forestry. Three hours credit. Four hours credit may be required of students who do not show superior ability in the work of this course. Mr. Selby.
201. **PUBLIC SCHOOL HANDWORK.** A study of the different forms of handwork as related to grade work. These forms include paper and cardboard construction, modeling with clay, weaving, wood-working, etc. Either semester. Two hours credit. Miss Wallace.
210. **CABINET-MAKING.** From designs made in Drawing 230 (which should be taken as a parallel course), articles of furniture are constructed. Caning, upholstering, simple carving, inlaying, veneering and metal trimming are employed in the course. A study is made of the different styles and periods of furniture and of the joints used in cabinet-making. Woodworking machines are used and studied. Industrial Arts 110 and Drawing 130 and 150 are prerequisite. Three hours credit. Mr. Selby.
221. **WOOD-TURNING.** A study of the lathe, turning tools, methods of turning and methods of finishing. Cabinet turning, including the processes of turning between centers, face plate, and chuck work. Two hours credit. Mr. Selby.
222. **PATTERN-MAKING.** Pattern turning and bench work, including some simple foundry work with soft metals. Two hours credit. Mr. Selby.
301. **PAPER AND CARDBOARD WORK.** The historic development of the paper industry. Constructive problems based on the use of paper and cardboard in connection with the principles of design. The articles made involve the processes of tearing, cutting, folding, mounting, pasting, weaving, and constructing. Two hours credit.
302. **BOOKBINDING.** The development of the bookbinding industry, together with a brief study of printing and lettering in connection with bookbinding, repairing of books, and making of pamphlets, tablets, and note-books. Two hours credit.



311. **CONCRETE CONSTRUCTION.** Practical work with concrete in its various uses is made the basis for the course. A study is made of cement, its properties and manufacture. Two hours credit. Mr. Selby.
312. **BUILDING CONSTRUCTION.** The erection of a small frame building is made the basis for the work of this course. A thoro study is made of building materials, of processes, of methods, and of the mechanics of carpentry. Some knowledge of the use of the common woodworking tools is prerequisite. Two hours credit. Mr. Selby.
321. **SHEET METALWORK.** The work is largely elementary tinsmithing but is not confined to this industry. Two hours credit. Mr. Selby.
322. **ART METALWORK.** Sheet copper and sheet brass are used as the chief materials. Instruction is given in bending, sawing, filing, riveting, soft and hard soldering and hammering. Decoration by means of piercing, etching, chasing, embossing, flame and acid coloring, and enameling. Two hours credit. Mr. Selby.
400. **CLAY MODELING AND POTTERY.** A study of the principles of design, with clay as the medium of expression. The study of form and construction is arranged in a series of progressive lessons, beginning with simple lines and masses, in moulding, repeated borders, and pottery. The course has direct relation to the industrial arts and to pottery, but is also designed to meet the needs of teachers in elementary schools. Two hours credit.
411. **FORGING.** An elementary course in forging, including the usual processes of drawing, bending, twisting, upsetting, welding, and shaping of wrought iron and soft steels, and the annealing, hardening, tempering and working of high carbon steel. Two hours credit. Mr. Selby.
412. **BENCH METALWORKING.** A number of processes of bench work with cold metal are considered, such as chipping, filing, fitting, polishing, drilling, riveting, and threading. Two hours credit. Mr. Selby.
420. **PRINTING.** Practical work: (a) composition, (b) distribution, (c) imposition, (d) proof reading, (e) presswork, (f) job printing, and (g) methods of illustrating. Class work and readings: (a) historic methods of transmitting knowledge, (b) discovery of movable type, (c) invention of the printing press, (d) composition of ink, (e) monotype and linotype machines, (f) methods of illustrating, etc. Two hours credit.

452. **SPECIAL METHOD.** Problems arising in teaching the industrial arts in elementary and high schools. The courses in industrial arts as given in the Wm. McGuffey schools are made the basis for this study. Three hours credit. Mr. Whitcomb.

COURSES OFFERED 1917-18: 110, 201, 210, 221, 222 and 452.

## Mathematics

THOMAS LYTLE FEENEY, A. M., Professor

151. **MATHEMATICS FOR THE FIRST SIX GRADES.** The nature of number and the various methods of presenting number facts and processes are considered. The theories of Pestalozzi, Grube, Fitzga, Dewey and others are discussed as far as time permits and a rational method of procedure is worked out in the class. The written processes with integers are worked over, common and decimal fractions taken thru the fundamental operations, and the tables of weights and measures applied to the solution of problems arising in life. For freshmen in the course for grade teachers. Either semester. Four hours credit.
161. **INDUSTRIAL MATHEMATICS.** One-third of the time is devoted to shop mathematics including problems in house-building, forging, pulleys, belts and speeds; and two-thirds to plane trigonometry. For students in manual training. First semester. Three hours credit.
162. **INDUSTRIAL MATHEMATICS.** The first two-thirds of the time is devoted to analytics and the remaining time to shop mathematics including problems in pattern-making, foundry practice, the micrometer and the slide rule, general mensuration. For students in manual training. Second semester. Three hours credit.
251. **MATHEMATICS FOR THE SEVENTH AND EIGHTH GRADES.** Percentage is taught to show how topics in pure numbers are handled. The functions of a bank, the organization of a stock company, a village bond issue, local taxes and insurance are discussed to indicate a rational method of presenting topics in applied arithmetic. The proper place of algebra and geometry in the grades is carefully considered. For sophomores in the course for grade teachers. Elective. Three hours credit.

## Music

AUBREY W. MARTIN, Director and Associate Professor

JOSEPH W. CLOKEY, A. B., Instructor

MABEL BEATRICE SWEET, Instructor

100. **ELEMENTARY MUSIC.** A course in the fundamental principles of musical structure. Study of notation with frequent drills in rapid

sight reading based on the best public school music material. Memorizing, reading and writing melodies. General topics: music, tone, rhythm, melody, interpretation, and appreciation. One hour credit. Mr. Martin and Mr. Clokey.

110. SUPERVISOR'S COURSE IN ELEMENTARY MUSIC. Similar in subject-matter to Music 100, but more comprehensive in character. The course is planned to serve as an introduction to the study of harmony. A great deal of reference work is required and creative work is encouraged. The course covers fully all problems in musical structure, tone, rhythm, melody, interpretation, and appreciation which may reasonably be expected to confront the supervisor in a modern school system. Maryott's *Musical Essentials* is used as a basis for the course. Three hours credit. Mr. Martin.
120. SUPERVISOR'S COURSE IN PUBLIC SCHOOL MUSIC. Covers fully all the topics found in Music 200, and adds an intensive study of upper grade and high school work as outlined in the following general topics: two-, three-, and four-part singing; care and preservation of the boy's voice; the bass staff; development of bass and tenor voice; departmental music; survey of best music for grammar grades and high school; conducting and management of choruses; arrangement of teaching material; lesson plans and observation work. Students are required to consult a great many references including such works as *School Music Teaching*, Giddings; *Education Thru Music*, Farnsworth; *The Child Voice in Singing*, Howard; and others. Two hours credit. Mr. Martin and Miss Sweet.
130. SINGING. A study of the fundamentals of good voice production. Vocal studies and part-songs. Individual and class work. Student rehearsals. Two lessons and six to eight hours work required each week. Two hours credit.
140. PIANO PLAYING. Technical and interpretative studies in piano playing, and study of the less difficult piano literature of the old and modern schools. Work in sight reading to cultivate the playing of an accurate and sympathetic accompaniment to hymns, part-songs, and solos. Individual and class work. Student rehearsals. Two lessons and six to twelve hours work required each week. Two hours credit. Mr. Clokey.
200. PUBLIC SCHOOL MUSIC. General topics: relation of music to public education. General principles of teaching school music. Sur-



vey of current school music courses. Course of study for elementary schools. Methods of teaching. Prerequisite, Music 100. One-half hour credit. Miss Sweet.

210. **STRUCTURE OF MUSIC.** A course designed to give a practical working knowledge of musical composition. Intensive study of intervals and triads, and their application to melody structure. Harmonization of melodies, based on the fundamental principles of Harmony and Counterpoint. Thematic development. Correlation of words and music in song writing. Orchestral instruments, simple orchestration and score reading. No text is used, but the standard compositions form the basis of the material studied. Prerequisite, Music 110. Three hours credit. Mr. Clokey.
220. **HISTORY OF MUSIC.** A course in the evolution of music. General topics: primitive music and music of the ancient cultured nations, catholic church music, medieval music, development of choral music, German and English protestant music, musical instruments and the growth of instrumental music, and the invention and evolution of the opera. Study of the following great master composers, and their relation to the musical movements of the time: Bach, Handel, Gluck, Haydn, Mozart, Beethoven, Weber, Schubert, Schumann, Mendelssohn, Chopin, Berlioz, Liszt, and Wagner. Recent composers and music in the different national groups. The course is copiously illustrated and is based on Dickinson's *The Study of the History of Music*. Prerequisite, Music 100, or its equivalent. Three hours credit. Mr. Martin.
230. **ADVANCED SINGING.** The development of vocal technique. Continuation of vocal studies and part-songs. Individual and class work. Student rehearsals. Two lessons and six to twelve hours work required each week. Two hours credit.
240. **ADVANCED PIANO PLAYING.** The development of piano technique. Study of the more difficult piano literature of the old and modern schools. Pipe organ playing for sufficiently advanced students. Individual and class work. Student rehearsals. Two lessons and six to twelve hours work required each week. Two hours credit. Mr. Clokey.
104. **THE GLEE CLUB,** organized in 1907, gives annually a program of the best part-songs, choruses, and ballads written for men's voices. Membership is limited to thirty voices chosen from the Arion Choir. Students who can both sing and play some orchestral instrument, including the piano, are especially desired. After



one year of membership, credit not to exceed one semester hour for the entire year is given according to the quality of work accomplished. Rehearsals, Wednesday and Friday evenings, 6:45-7:45 o'clock. Mr. Martin.

114. THE MADRIGAL CLUB, organized in 1908, gives annually with a visiting soloist a program of the best part-songs, choruses, and cantatas written for women's voices. Membership is limited to thirty voices chosen from the Arion Choir. After one year of membership, credit not to exceed one semester hour for the entire year is given according to the quality of the work accomplished. Rehearsals, Monday and Thursday evenings, 4:00-5:00 o'clock. Mr. Martin.
124. THE ARION CHOIR, organized in 1911, gives annually a cantata or oratorio with visiting soloist and combination pipe organ and piano accompaniment. Membership is limited to two hundred voices chosen by competition open to all the students of the University. In 1917-18 *The Fire Prince*, an operetta by Henry K. Hadley, is given. Rehearsals, Monday evenings, 6:45-7:45 o'clock. Mr. Martin and Mr. Clokey.
134. THE CHAPEL CHOIR, organized in 1911, sings at the regular Chapel and University services. A Processional and Recessional in vested costume are sung in the latter service. The members are chosen from the Glee and Madrigal Clubs. Rehearsals, Saturday, 11:30-12:00 o'clock. Mr. Martin and Mr. Clokey.
154. THE UNIVERSITY ORCHESTRA, organized in 1915, gives annually a public concert and provides accompaniments for the concerts of other musical organizations. The membership is limited to thirty-five and admission is by individual try-out at the beginning of the first semester. Pupils who can play the oboe, viola, horn, cello or string bass are especially desired. Rehearsals, Tuesday and Thursday evenings, 6:45-7:45 o'clock. Mr. Clokey.

## Physical Education

ALFRED BRODBECK, Professor  
GEORGE L. RIDER, A. B., Acting Associate Professor  
CELIA G. CARROLL, Instructor  
ELEANOR MAY Carlisle, Instructor

The object of this department in the Teachers College is two-fold: first, to give the student such supervision and instruction as will enable her to secure and conserve her own health by intelligent attention to the laws of health and hygiene, and to aid her, thru her own efforts, to keep her body in the best physical condition possible; second, to train her to become a capable worker in school gymnastics or calisthenics and in school-yard and play-ground supervision.

To these ends special indoor and outdoor exercises, games, and dances are used according to the season, the needs of the students, or the stage of the course. Special application of this training, and supervision in all forms of exercises, plays and games in grade, high school, and playground work is given by interclass and intergroup contests and field-days arranged at various times during the year, and also by exceptional opportunity afforded by the practice teaching in the William McGuffey Schools.

It is supplemented by study of courses of instruction in physical training and hygiene, of plans of playgrounds and school-yards, and of equipment of playgrounds and gymnasiums.

Instruction in hygiene is given one hour each week during the second semester of the freshman year. This course consists of lectures and sanitary excursions. The lectures comprise personal hygiene, analysis of air, soils, water, adulterations of foods, milk supplies and products, transmission of diseases, immunity, heredity and eugenics, industrial and occupational diseases, etc.

## Public Speaking

ARTHUR LOREN GATES, A. M., Professor

ROBERT CALDERWOOD, A. B., Assistant Professor

ADELIA W. CONE, A. B., Assistant Professor

251. **READING COURSE FOR TEACHERS.** The study of the expression of the simplest styles of literature—narration, description, etc. The use of the teacher's voice in the school room. Methods outlined and practice required for the development of tone in the speaking voice. Two hours credit.

## Zoology

STEPHEN RIGGS WILLIAMS, Ph. D., Professor

251. **SANITATION AND HEALTH.** Emphasis is placed upon important life processes as related to intelligent care of the human body. Attention is given to school health and sanitation. The subject is presented chiefly by means of laboratory experiments, many of which may be adapted by teachers for use in elementary schools. Two recitations and one three-hour laboratory period a week. First semester. Three hours credit.

## LIST OF STUDENTS 1917-1918

### Candidates for the Degree Bachelor of Science in Education

#### Senior Class

<i>Name</i>	<i>Home Address</i>	<i>Name</i>	<i>Home Address</i>
Andrews, Marie.....	Conneaut	*McClellan, George Byrl.....	Eaton
Ankeney, Winnifred Edna.....	Xenia	Murray, Rheba Dell.....	Oxford
*Blair, Gertrude.....	Lucasville	Randall, Myron.....	Sharonville
Cetone, Estelle Frances.....	Oxford	*Richey, Warren Lee.....	Sciotoville
Cornell, Arretha M.....	Glendale	Snyder, Helen.....	Mansfield
Curran, William. G.....	Kings Mills	Stevenson, C. R.....	Oxford
*Cuthbert, Opal.....	Dayton	Stults, Emma.....	Middletown
Eby, Edith Lucille.....	West Elkton	Thomas, Helen.....	Trenton
Edwards, Helen.....	Marysville	Townley, Ruth Elizabeth.....	Wyoming
Feeney, Alice Sibley.....	Oxford	Trovillo, Ella Martha.....	Dayton
*Foulkes, Thomas G.....	Columbus Grove	Venn, Alice.....	Ludlow, Ky.
Gilbert, Edna.....	Okeana	Von Kanel, Amy Eugenie.....	Hamiton
Grafft, Jane Elizabeth.....	Trenton	Wheatley, Eda.....	Dayton
Henderson, Esther.....	Marysville	Wheatley, Genoa M.....	Dayton
Kamm, Inez Margaret.....	Cincinnati	Wiley, Mary Agnes.....	Glendale
Klipple, Annitta.....	Brookville, Ind.	Woodruff, Francis Russell.....	Oxford
Laird, Gladys Gwendolyn.....	Goshen	Total 33: Men 7; Women 26.	

#### Junior Class

Apple, Charles H.....	Oxford	Lindsley, Evangeline.....	Dayton
Applegate, Herschel Clinton.....	Ansonia	McClellan, Velma Verna.....	Eaton
Ayers, Velma Mary.....	Eaton	McVey, Ruth.....	Oxford
Banker, Ruth.....	Hamilton	MenMuir, Helen Alice.....	Connersville, Ind.
Barrett, Helen Elizabeth.....	Springfield	Milbourne, Donna W.....	N. Baltimore
Bateman, Dorothy Jane.....	Hamilton	Morgan, Leila.....	Haviland
Bay, Anna Hazel.....	Wapakoneta	Paxton, Annis Elizabeth.....	Camden
Betz, Margaret Kathryn.....	Oxford	Pierson, Clyde Duvall.....	Oxford
Brown, Helen E.....	Sidney	Rapp, Mildred Emma.....	Eastwood
Chuang, Chai-Hsuan.....	Shanghai, China	Rothhaar, Mildred Louise E.....	Dayton
Criswell, Mary Elinor.....	Ripley	Roudebush, Sara Duckwall.....	Oxford
Douthit, Mildred.....	Bloomington, Ind.	Schmidt, Esther Elizabeth.....	Dayton
Foreman, Lucille.....	Marion	Scudder, Mrs. Rebecca M.....	Oxford
Gath, Myra.....	Cincinnati	Shepherd, Goldie Anna Michigan City, Ind.	
Geeting, Anna May.....	Oxford	Starr, Clarabel.....	Bellefontaine
Geeting, Smith.....	Oxford	Stove, Gladys Alleine.....	St. Marys
Grinnell, Albert Atherton.....	Medina, N. Y.	Thompson, Jeanette Buxton.....	Cincinnati
Hasselbach, Blanche Lucille.....	Fremont	Ungericht, Paul H.....	Greenville
Hine, Mary Beatrice.....	Harrison	Venning, Helen Riddle.....	Cincinnati
Hissong, Clyde.....	Oxford	Weaver, Marion Pease.....	Cincinnati
Hull, Alice Louise.....	Mt. Vernon	Wetherill, Grace.....	Kenton
Jobes, Mabel Thompson.....	Greenville	Williams, Margaret McClelland.....	
Junk, Alba B.....	Chillicothe	.....	College Corner
Kochenderfer, Minnie.....	Oxford	Total 46: Men 8; Women 38.	

\*These students are not in residence. Some have finished their work in the summer some are attending professional schools; others are completing their work in absentia.



## Sophomore Class

<i>Name</i>	<i>Home Address</i>	<i>Name</i>	<i>Home Address</i>
Allen, Marian Frances .....	Springfield	Luger, Clarice Bertha.....	Dayton
Andrews, Sabra Lenore .....	Conneaut	McCurdy, Mary Myrtle.....	Osborne
Betz, Dorothy.....	Oxford	Meadows, Beth Naomi .....	Ipswich, S. D.
Bohlender, Catherine.....	Dayton	Michael, Margaret M .....	Bellarie
Bootes, Ruth Margaret .....	Xenia	Mitchell, Elizabeth Myers.....	Oxford
Bornhorst, Marie Bernadine.....	Minster	Molter, Elsie M.....	Osborne
Brunsmann, Walter M.....	Cincinnati	Morehead, Margaret.....	Greenfield, Ind.
Bryan, Ruth.....	Wilmington	Morrison, Alfred Alonzo.....	Peebles
Early, Mary E .....	Dayton	Neer, Wilmae Irene.....	Dayton
Eberle, Violet.....	Cincinnati	Newton, Frances May.....	Oxford
Farquhar, Floyd Emmett.....	Oxford	Rethlingshafer, Dorothy.....	Hamilton
Fillager, Elsie Louise.....	Oxford	Rice, Katherine.....	Lewisburg
Fleischer, Helen Wilhelmina.....	Oxford	Smith, Helen Wilson.....	Dayton
Frost, Ethel Louise.....	Norwood	Stephenson, Helen.....	Oxford
Hiers, Glenn Sefton.....	Oxford	Stieg, Edward Thomas.....	Hamilton
Hoffman, Pauline E.....	W. Carrollton	Streamas, Emmeline.....	Hamilton
Hoyle, Rachel Elizabeth.....	Sidney	Tuttle, Esther Belle.....	Springfield
Iams, Ruth.....	Trotwood	Walter, Zura Milton .....	Celina
Ihrig, Esther.....	Springfield	Watterson, Florence Mary....	Continental
Johns, Glenn Cook.....	Lytle	Weber, Miriam G.....	Springfield
Kerr, Frances Winona.....	Aurora, Ind.	Wood, Carolyn.....	Versailles
King, Elsie Beryl.....	Oxford	Wright, J. R.....	Oxford
Lindsey, Roma Leone.....	Piqua	Total 45: Men 8; Women 37.	

## Freshman Class

Aiken, Anna Marguerite.....	Madeira	Lamb, Edna.....	Middletown
Banker, Dorothy Virginia.....	Middletown	McConnell, Estella Laura .....	Ludlow, Ky.
Barrett, Anne .....	Springfield	McKittrick, Iva Alma.....	Dayton
Beck, Tessie Oresta.....	Morrow	McNelly, Walter C.....	Brookville
Belch, Dewey A.....	Columbus Grove	Manley, Hilda Rowena.....	Dayton
Bercaw, Mildred Faye.....	Mason	Marsh, Gretchen Nina....	Louisville, Miss.
Bond, Mary Elizabeth .....	Dayton	Meyers, Charlotte Edythe.....	Dayton
Brand, Marie Anna.....	Dayton	Miller, Lillian Allene.....	Dayton
Brown, Sara Helen.....	Greensburg, Ind	Moore, Edythe Louise .....	Hamilton
Butterfield, Bernice May.....	Okeana	Potthoff, Edward Frederick...	Sharonville
Cannon, Mary Minerva Canal	Winchester	Price, Martha Catherine.....	Wilmington
Corso, John Joseph.....	Oxford	Rimer, Helen.....	Vaughnsville
Frank, Mildred Rosalind.....	Cincinnati	Roelle, Cecile Christine .....	Bucyrus
Glaze, Margaret Mary.....	Hillsboro	Scott, Mora.....	Sandusky
Gregory, Mary Jo.....	Oxford	Scudder, Nita Emeline.....	Oxford
Groves, Claribel .....	Batavia	Sheard, Clifford Dwight .....	Oxford
Gutermuth, Donald.....	Versailles	Snorf, Sue.....	Verona
Haarlamert, Charlotte Ruth...	Loveland	Stockstill, Raymond Winters .....	Sidney
Hardy, Beatrice Grace .....	Pendleton, Ind.	Sullivan, Marian Iva.....	Bellefontaine
Hasler, Olga Elizabeth.....	Hamilton	Switzer, Ruth Katherine .....	Dayton
Hockey, Ruth Henrietta .....	Dayton	Tracy, Inez.....	Harrison
Hoel, Homer .....	Montezuma	Tranter, Mary Frances .....	Dayton
Jennens, Hazel .....	Middletown	Vandervort, Dorothy Louise.....	Loveland
Jordan, Blondon .....	Blanchester	Walthers, Edna Amelia .....	Shandon



<i>Name</i>	<i>Home Address</i>	<i>Name</i>	<i>Home Address</i>
Weiser, Olive Felonise.....	Lithopolis	Work, Dorothy.....	Oxford
Wenrick, Thomas K.....	Greenville	Wunker, Norma Jessie.....	Cincinnati
White, Pauline Jeanette....	New Richmond	Zwerner, Katherine Anna.....	Marysville
Willke, Marie.....	Maria Stein	Total 56: Men 11; Women 45.	
Winkelman, John F .....	West Alexandria		

### \*Irregular Students

Barr, Myrtle.....	Middletown	Rush, Jesse James.....	Palestine
McConnell, Ella Lorenza.....	Northfield	Total 3: Men 1; Women 2.	

\*Irregular students have less than 14 units of preparatory credit, and are over 21 years of age.

### \*\*Special students

Michael, Lois .....	Bellaire	Woodbury, Ruth.....	Oxford
Molyneaux, Martha .....	Oxford	Total 3: Men 0; Women 3.	

\*\*Special students are not candidates for a degree, and are not regularly in residence at the University.

## Teachers College

### Sophomore Class

Anderson, Alice Margaret.....	Anderson	Finch, Marion.....	Oxford
Betscher, Sadie C.....	Hamilton	Finlay, Mary Edna .....	Collinsville
Boyd, Marie .....	Springfield	Flora, Winifred .....	S. Charleston
Burdorf, Henrietta Elizabeth ..	Norwood	Foley, Nan Ruth.....	Portsmouth
Clark, Ruth Esther.....	Dayton	Ford, Margaret Lucetta.....	Indianapolis, Ind.
Clemons, Gladys Albertine.....	Milford	Foster, Margaret Emma.....	Fremont
Coil, Fannie Roberta.....	Rockford	Gates, Kathleen.....	Eaton
Collins, Edna Mary.....	Oxford	Ginter, Doris Ione.....	Lima
Counts, Rebecca Bernice.....	Chillicothe	Glidewell, Vivien Isora.....	Oxford
Couzzins, Florence Frazee .....	Oxford	Good, Pauline Frances.....	E. Cleveland
Cowdrey, Harriet Belle .....	Williamsburg	Gorsuch, Audrey.....	Kyle
Crawford, Nelle Roberta.....	West Union	Groce, Helen Marie.....	Circleville
Crawford, Ruth Sarah.....	Madisonville	Hale, Edith Mildred.....	Troy
Critzer, Edna Marie .....	Toledo	Hanke, Grace.....	Garrettsville
Culbertson, Mary Elizabeth....	Greenville	Hartlieb, Lucille Catherine .....	Norwood
Curry, Frances Dorothy.....	Milford	Hartman, Florence Louise.....	Lockland
Custer, Lillian.....	Hamilton	Hastings, Bess Jane.....	Cincinnati
Dachenbach, Marie .....	DeGraff	Heintz, Stella M.....	Harrison
Davidson, Minnie Mae.....	Oxford	Hensler, Phyllis Mae.....	Lima
Davis, Hazel Belle.....	Oxford	Herner, Laura Katherine.....	Monroeville
Dawson, Marguerite Elizabeth.....	.....	Hirn, Mary Helen.....	Chillicothe
.....	Portsmouth	Howard, Eva Selina.....	Hamilton
Dreyer, Alberta Marie.....	Toledo	Huber, Olga.....	Harrison
Duke, Flora.....	Ruthven, Ontario, Canada	Huerkamp, Marjorie.....	Cincinnati
Duke, Lorna .....	Ruthven, Ontario, Canada	Jennings, Charles Joseph .....	Cincinnati
Elder, Della Mae.....	Belle Center	Johnson, Cyrena Euretha.....	Bantam

<i>Name</i>	<i>Home Address</i>
Kilgallon, Fern Viola	Eaton
Kingery, Elsie Martha	Norwood
Kleinknecht, Genevieve	Cherry Fork
Kurtz, Dorothy Cordelia	Dayton
Lambert, Marjorie Ethel	Farmersville
LaRue, Garnette Ursula	Connersville, Ind.
Laxford, Mildred Louise	Hartwell
Leibbrook, Mary	Hamilton
McCampbell, Lucile	Plain City
McDowell, Merle	Piqua
McFerran, Eva Marie	Greenville
McGraw, Lela M.	Felicity
McKibben, Nell Jane	Georgetown
Maiter, Alice Altsman	Portsmouth
Meissner, Mabel Anna	Urbana
Merrilees, Edith Jennie	Bellefontaine
*Mitchell, Nell B.	Norwood
Morgan, Gertrude	Louisville, Ky.
Morgan, Kathleen	Louisville, Ky.
Nabors, Elsie Whilma	Newton
Nelson, Elizabeth H.	Ashtabula
O'Leary, Marie	Eaton
Overman, Helen Dee	Carthage, Ind.
Owen, Neva	Chilo
Parrish, Florence	Mt. Vernon
Petri, Elizabeth Henrietta	Hamilton
Pfeiffer, Ethel	Cincinnati
Pfister, Margaret Kathryn	Oxford
Phares, Helen Virginia	Camden
Piatt, Lucia May	London
Poling, Mary Alice	Van Wert
Prudent, Catherine Victoria	
	New Richmond

<i>Name</i>	<i>Home Address</i>
Reardon, Margaret Louise	Glendale
Riley, Rebecca Mary	Norwood
Rittenhouse, Bly	Austin
Robertson, Gertrude Frances	Norwood
Robinson, Helen Ruth	Deshler
Robinson, Sara Louise	Marysville
Roland, Gladys Amelia	Greenville
Runyan, Bertha Lydia	Norwood
Runyan, Grace Claire	Connersville, Ind.
Russell, Helen Jane	Lockland
Sammet, Caroline McKay	Versailles
Schwallie, Irma Rosetta	Norwood
Shambaugh, Agnes Leona	
	New Burlington
Shepherd, Lois	Chicago
Shreffler, Lydia	Fremont
Sigg, Edith	Monroe
Smith, Esther M.	Eaton
Smith, Florence Lucille	Sidney
Snively, Ella La Mora	Seven Mile
Spivey, Elizabeth	Bluffton, Ind.
Stitt, Florence Elizabeth	Chillicothe
Storch, Julia Amelia	Dayton
Tough, Ethel Mae	Kenton
Ungericht, Uretta Herman	Greenville
Van Ausdall, Wilma Duett	Reily
Vandervort, Pearl J.	Blanchester
*Wade, Mary	Wilmington
Wilhelm, Emilie	Portsmouth
Williams, Isis	Greenville
Wolverton, Irene Trone	Greenville
Woolley, Blanche	Hamilton
Total 114: Men 1; Women 113.	

### Freshman Class

Alexander, Esther Letitia	New Paris
Allen, Ruth	Dayton
Ammerman, Edith Nora	Cincinnati
Atmore, M. Elizabeth	Lima
Auchmurey, Cleo	Columbus Grove
Augspurger, Marie	Middletown
Bailey, Veda M.	Wilmington
Baker, Rose	Dayton
Baldwin, Iona	Cridersville
Bartholomew, Gladys	Glen Karn
Beckett, Nelle	Hamilton
Benham, Zoe Esta	Campbellstown
Bennett, Jean E	Mason
Berry, Bernice	Spencerville
Betcher, Edith	Hamilton
Bigler, Bernice	Greenville
Bigler, Laura	Franklin

\*These students are not in residence.

Borchers, Marguerite	Dayton
Brandenburg, Marie	Oxford
Brosier, Myrtle	Flint, Mich.
Brown, Beatrice	Hicksville
Brown, Faye	Hamilton
Brown, Vinetta	Tippecanoe City
Browne, Bernice	Greenville
Butcher, Ethel	South Charleston
Cadwallader, Anne	Sharonville
Campbell, Kate C.	Georgetown
Cheney, Martha Belle	Mechanicsburg
Chinn, Olive	Portsmouth
Connor, Isabel	Marysville
Conrad, Erna B.	Cincinnati
Corry, Esther	Xenia
Coumeadow, Elise	Mansfield
Court, Marjorie	Marysville

<i>Name</i>	<i>Home Address</i>	<i>Name</i>	<i>Home Address</i>
Crow, Mary Lois .....	Xenia	Miller, Corinne B. ....	Spencerville
Cullen, Mary E. ....	Dayton	Moore, Opal. ....	Washington C. H.
Cushwa, Barbara .....	Tippecanoe City	Morgan, Irene. ....	Middletown
Doerres, Leona .....	Chillicothe	Morner, Marian Kathryn .....	Hamilton
Douglass, Annie J. ....	Camden	Murphy, Mae Jane. ....	Hamilton
Duncan, Margaret .....	Sidney	O'Connor, Mary Louise. ....	Urbana
Durnbaugh, George D. ....	Xenia	O'Neal, Gwendoline. ....	Portsmouth
Fee, Mildred .....	Georgetown	Peer, Leata Mae .....	Hamilton
Fichthorn, Merle C. ....	Bellefontaine	Pifer, Hattie. ....	Rockford
Finch, Mildred .....	Oxford	Poston, Margaret. ....	Camden
Fisher, Bertha .....	Rushsylvania	Price, Florence Ella. ....	South Haven, Mich.
Flinn, Pauline. ....	Logansport, Ind.	Price, Patrice. ....	Spencerville
Foulks, Mary. ....	Columbus Grove	Reed, Helen Elaine. ....	Greenville
Gaenge, Gertrude Emma. ....	Cincinnati	Roberts, Anne M. ....	New Richmond
Gatch, Ellen .....	Milford	Robinson, Georgeanna. ....	Deshler
Gormley, Esther. ....	Covington, Ky.	Roudebush, Mary. ....	Harrison
Groves, Mildred Grace. ....	McComb	Rowe, Lucille. ....	Logansburg, Ind.
Haag, Sarah .....	Oxford	Rowins, Gladys. ....	Cleves
Haines, Reva .....	Xenia	Ruehl, Gertrude. ....	Miamisburg
Hanna, Essie. ....	DeGraff	Runk, Clarence R. ....	Cleves
Hanna, Rovilla. ....	DeGraff	Schaeuble, Henrietta M. ....	Hamilton
Harlow, Elsie .....	Tippecanoe City	Scherer, Elsie May. ....	Sidney
Heitkamp, Lawrence B. ....	St. Henry	Schmidt, Florence. ....	Cincinnati
Hiatt, Marie .....	Greenville	Seeman, Ina .....	Hamilton
Howard, Florence. ....	West Middletown	Shultis, Helen .....	Hamilton
Hurley, Lauretta C. ....	New Burlington	Sloneker, Mildred E. ....	Trenton
Jeffery, Luella .....	Kalida	Smith, Almyra. ....	Hamilton
Jennens, Ethel .....	Middletown	Smith, Jessie .....	West Sonora
Johnson, Helen. ....	Xenia	Spangenberg, Dorothy. ....	Stockton
Keely, Margaret .....	Harrison	Spivey, Estelle. ....	Bluffton, Ind.
Kelch, Mary .....	Hamilton	Stepleton, Helen .....	Cridersville
Kizer, Cora B. ....	Springfield	Stevenson, Rebekah. ....	Hillsboro
Krauss, Mary Elizabeth. ....	Norwood	Stier, Marjorie. ....	Aurora, Ind.
Krein, Marguerite. ....	Wapakoneta	Trew, Opal. ....	Oxford
Laffey, Eleanor. ....	Madeira	Underwood, Margaret. ....	Caledonia
Lakin, Lena .....	Dayton	Unzicker, Cecilia. ....	Collinsville
Lee, Clara .....	Rockford	Voss, Gladys. ....	Fremont
Linn, Estella. ....	Tippecanoe City	Warner, Helen N. ....	Dayton
Littleton, Helen. ....	Kenton	Watts, Beryl Chilcote. ....	Chillicothe
Loeb, Hortense. ....	Hamilton	Weibel, Norma. ....	College Corner
McBride, Margaret. ....	Huntington, W. Va.	Wein, Blanche. ....	Spencerville
McClellan, Lillian Gladys .....	Xenia	Welch, Frances. ....	McAlester, Okla.
McCoy, Lillie. ....	Xenia	Welch, Paul J. ....	Oxford
McCoy, Millie. ....	Xenia	West, Ruth Ellen. ....	Wilmington
McCray, Mary. ....	Dayton	Whitehead, Mary. ....	Germantown
McFarland, Dorothy ....	New Richmond	Wiggerman, Gertrude. ....	Reading
McHenry, Esther .....	Cleves	Williams, Ida. ....	Wapakoneta
McLaughlin, Genevieve. ....	Circleville	Williams, Sara .....	Glouster
McMichael, Cathern Mary. ....	Dayton	Williamson, Reba. ....	Miamisburg
Maag, Maybelle Thelma ....	Kingston	Wise, Hazel. ....	Williamsburg
Marshall, Ruth. ....	Middletown	Woodhouse, Margaret. ....	London
Melton, Hope .....	Bond Hill	Yelton, Dorothy. ....	Butler, Ky.
Merkle, Marguerite. ....	Mansfield		
Meyer, Rachel Pauline. ....	Reading		

Total 140: Men 4; Women 136.



## \*Irregular Students

<i>Name</i>	<i>Home Address</i>	<i>Name</i>	<i>Home Address</i>
Davis, Beatrice .....		Rutz, Charles .....	Cincinnati
Hawkins, Nancy .....	Anna	Total 3; Men 1; Women 2.	

\*Irregular students have less than 14 units of preparatory credit, and are more than 21 years of age.

## Summer Session, 1917

## First Term

Abe, Hilda .....	Wapakoneta	Betscher, Edith .....	Hamilton
Adams, Golda .....	Lima	Betscher, Virginie .....	Mt. Healthy
Adams, Ruth M. ....	Felicity	Bickmore, Mrs. Mary .....	Oxford
Albert, Sara .....	Lewisburg	Bickel, Elva C. ....	Farmersville
Alexander, Lelia .....	Ft. Recovery	Biles, Helen .....	Oxford
Allspach, Frieda .....	Trenton	Birk, Cora A. ....	Wapakoneta
Amstutz, W. A. ....	Vaughnsville	Bissantz, Mary .....	Amelia
Anderson, Nelle M. ....	Circleville	Black, A. E. ....	Oxford
Anderson, Grace .....	Pleasant Plain	Blosser, Alice .....	Mt. Healthy
Ankeney, Pauline .....	Germantown	Boehner, Edna .....	Glendale
Ankeney, Winnifred .....	Xenia	Bohnert, Mary E. ....	Cleves
Anstaett, Estella .....	Batavia	Booth, Lucy D. ....	West Jefferson
Apgar, Gertrude .....	Loveland	Boothman, Edythe .....	Bryan
Apple, Charles H. ....	Oxford	Bornhorst, Marie .....	Minster
Armstrong, Bernice .....	St. Marys	Bosart, Mabelle .....	Mansfield
Armstrong, Ethel .....	St. Marys	Bowan, Elsie .....	Sidney
Arnold, Irene .....	Xenia	Bower, Ernest .....	Rushsylvania
Babylon, Chloe .....	Piqua	Bowers, Kathryn .....	Lima
Bach, Delia .....	Batavia	Bowersock, Mabel .....	Wapakoneta
Bacon, Alma .....	Camden	Bowsher, Mabel .....	Lima
Bacon, Mabel L. ....	Cincinnati	Boze, Frank H. ....	New Weston
Bailey, Nroma .....	Ft. Recovery	Bragdon, Ethel .....	Williamsburg
Baker, Edward .....	Oxford	Brandenburg, Mrs. S.J. ....	Oxford
Balzhiser, Minnie .....	Dayton	Braxtan, Ruth .....	Paoli, Ind.
Bambach, Josephine .....	Bethel	Brelsford, Carrie .....	W. Middletown
Banta, Lois .....	Lewisburg	Brawner, Matilda .....	W. Union
Barnes, Ruth E. ....	Xenia	Brewer, Emma C. ....	Franklin
Barringer, Alma .....	Rockyridge	Brookley, Lora .....	West Alexandria
Bartlett, Glenn .....	Oxford	Brown, Nell M. ....	Hicksville
Bay, Hazel .....	Wapakoneta	Brown, Susan .....	Bethel
Beaman, Mildred .....	Sidney	Brumbaugh, Nina Elizabeth .....	Greenville
Bear, Edna .....	Hamilton	Brumbaugh, Portia .....	Covington
Bechtel, Addie .....	Holland	Bucher, Alma .....	Germantown
Beck, Myron L. ....	Farmersville	Buirley, Golda .....	Jackson Center
Beckett, Fannie L. ....	Elmwood Place	Bunn, John J. ....	Hamilton
Beery, Zelma M. ....	Liberty, Ind.	Bunnell, Naomi .....	Cleves
Bell, Clara Kathryn .....	Lima	Buntin, Anna Lee .....	Cincinnati
Berger, Ernest L. ....	Versailles	Burkam, Katherine .....	Lawrenceburg, Ind.
Bess, Ada .....	Hamilton	Burris, Frieda .....	Eastwood



<i>Name</i>	<i>Home Address</i>	<i>Name</i>	<i>Home Address</i>
Burris, William Leroy.....	Seaman	Dietrich, Mary.....	Fayetteville
Busch, Elsie.....	Lima	Donald, Rachel.....	Felicity
Cadot, Darlene.....	S. Webster	Doty, Ada.....	Gratis
Campbell, Virginia.....	Wapakoneta	Duckett, Hazel.....	Milford
Cangney, Verdi.....	Catawba Island	Duckwall, Eleanor R.....	New Madison
Canright, Cyril M.....	Delaware	Dudgeon, Albert.....	Rockford
Carr, Lois.....	W. Carrollton	Dufficy, May.....	Hamilton
Carmony, Robert.....	Sidney	Dugan, Elmo E.....	Eaton
Carroll, Margaret T.....	Elizabethtown	Dunson, Claude.....	Rushsylvania
Carroll, Howard S.....	Elizabethtown	Duvall, Lula.....	Wapakoneta
Cartwright, D. J.....	Sinking Spring	Duvall, Marjorie.....	Camden
Cary, Birdie.....	Lima	Earman, Ethel.....	Campbelltown
Cary, Ola.....	Lima	Eberwein, Raymond E.....	Bradford
Casey, Margaret G.....	Glendale	Eby, Ruth.....	Piqua
Chatterton, Pearl.....	Eastwood	Edginton, Myrtle.....	West Union
Chrismer, Mamia J.....	Gratis	Eldridge, Ruth A.....	Franklin
Clark, Newell.....	New Richmond	Ellis, William Nelson.....	Aberdeen
Cleveland, Douglas S.....	Detroit, Mich.	Elmes, Rachel.....	Ross
Cobb, Euclid.....	Monmouth, Ill.	Ely, Daisy.....	Batavia
Cobb, Roy L.....	Williamsburg	Emery, Fred.....	London
Cobler, Mary.....	Peebles	Emrick, Lester.....	Germantown
Cockrill, Jessie Reed.....	Oxford	Eppert, Alma Rae.....	Amelia
Coit, Daisy.....	Spencerville	Eschbach, Vida M.....	Grover Hill
Coiz, Inez.....	Greenville	Evans, Gertrude.....	Fayetteville
Colfer, Mary G.....	Ironton	Evans, Loretta.....	Fayetteville
Collins, Edna.....	Oxford	Everett, Eloise.....	Woodstock
Compton, Caroline.....	Loveland	Farrington, Helen H.....	Richwood
Conwell, Edith.....	Oxford	Feeney, Alice Sibley.....	Oxford
Cook, Ada.....	Farmersville	Feeney, Edwin.....	Oxford
Cook, Mary Loomis.....	Henderson, Ky.	Finch, Marian.....	Oxford
Cookson, Ernestine.....	Troy	Finke, Clara H.....	Greenville
Cooley, Martha.....	Cedarville	Fiscus, Lela.....	Mt. Orab
Copp, Naoma K.....	Lima	Fisher, Edna.....	Amelia
Corson, Emma.....	Holland	Flautt, Hazel.....	Sidney
Cory, Laura M.....	Hamilton	Fletcher, Harriet.....	Cedar Grove, Ind.
Costello, Mary Elizabeth.....	Oxford	Fletcher, M. B.....	Cedar Grove, Ind.
Coulter, Kathryn.....	Oxford	Foltz, Naomi.....	Miamisburg
Cragg, Elsie.....	Hartwell	Ford, Margaret L.....	Indianapolis, Ind.
Crampton, Mabel.....	Lynchburg	Forsythe, Josephine.....	Huntsville
Creager, Hilda.....	Loveland	Foster, Nelle.....	Batavia
Cruger, Helen L.....	Cincinnati	Foulkes, Thomas C.....	Columbus Grove
Cullom, May Butler.....	Loveland	Frambes, Ethel.....	West Union
Cunningham, M. Constance, Greensprings		Frazer, Irene.....	Hamilton
Cuppy, Florence Montelle.....	Dayton, Ky.	Frisinger, Lowell.....	Rockford
Cuthbert, Edith Opal.....	Dayton	Frye, Carolyn.....	Sinking Spring
Darragh, Adah.....	Germantown	Fuller, Mary Elizabeth.....	Newark
Davidson, Minnie.....	Oxford	Gager, Larette.....	Carlisle
Davis, Elsie E.....	Otway	Galbreath, Louise.....	Marietta
Davis, Lena.....	Milford	Gallaspie, Lura Mae.....	Lima
Dawson, Madeline.....	Greenville	Gase, Edna M.....	Hamilton
DeLargy, Percy.....	Bradford	Gebele, Viola.....	Ft. Recovery
Dennison, Alice E.....	Hamilton	Geeting, Anna May.....	Oxford
DeWeese, Leonard.....	Rossburg	Gilbert, Lillian C.....	Cincinnati
Dickerson, Ella.....	Evanson	Glidewell, Vivien Isora.....	Oxford

<i>Name</i>	<i>Home Address</i>
Goddard, Gladys	Williamsburg
Godfrey, Susan E.	Oxford
Goetz, Christina	Ludlow, Ky.
Gomien, Edna M.	Cincinnati
Grafft, Jane	Trenton
Gregory, Mary Jo	Oxford
Griffis, Carolyn	Sidney
Grinnell, Albert A., Jr.	Medina, N. Y.
Grisier, Lucille	Bryan
Grose, Frances E.	Crystal Lake, Ill.
Groves, Lois V.	Troy
Guenther, Susan	Manchester
Guttery, Nema	Clarksville
Haines, Gail	Lima
Hand, Ruth M.	Greenville
Harding, Mrs. Emily	Santee, Neb.
Harover, Matilda	Georgetown
Harr, Lunata	Portsmouth
Harris, Emma	Franklin
Harrison, Mary	New Paris, Ohio
Harrison, Nettie	Loveland
Hart, H. H. W.	Cincinnati
Hart, Iris E.	Rockford
Hartsook, Hortense	Columbus
Harwood, Grace E.	Price Hill, Cincinnati
Hasselbach, Gertrude M.	Fremont
Hatcher, Cedora	Hillsboro
Hastings, Bess	Cincinnati
Hawkins, Nancy	Anna
Hayden, Dwight	Felicity
Hayes, Ruth Myrtle	Loveland
Heap, Caroline Laura	Eureka, Kans.
Hedrick, Elizabeth	Ft. Recovery
Hedrick, Joyce	Ft. Recovery
Heider, Marie	Osborn
Heintz, Stella M.	Harrison
Helbling, Mary	Ripley
Henderson, John L.	California
Henderson, Howard R.	Oxford
Henes, Dorothy	Hamilton
Herbert, Mary	Versailles
Hertzog, Ellis	Oxford
Hiatt, Marie	Greenville
Hill, Esther May	Cozaddale
Hinders, Alma	Burkettsville
Hine, Beatrice	Harrison
Hissong, Clyde	Reily
Hoffman, Velma	Cincinnati
Holladay, Dolly	Hillsboro
Holt, Deffa B.	Otway
Homan, Ralph	Bethel
Hooper, Martha	Bainbridge
Horan, Nellie	Loveland
Hoover, Bess	Oxford

<i>Name</i>	<i>Home Address</i>
Houk, Juanita	Farmersville
Howe, Cora	College Corner
Hoy, Zula	Thornville
Huber, Marion H.	Harrison
Huber, Zetta A.	Harrison
Huffman, Esther C.	Verona
Huffman, I. Hazel	Middletown
Hulette, Alma	Bagdad, Ky.
Hulick, Marjorie R.	Batavia, Ohio.
Hunt, Charles E.	Brookville
Hunsinger, Averil	Wheelerburg
Hunt, Ennis B.	Lewisburg
Hunt, Ora	Waddy, Ky.
Hunter, Iona I.	Reading
Huston, Forest	Sidney
Huston, Lydia	Sidney
Iams, Ruth	Trotwood
Ingersoll, Gussie	Cleves
Isley, Fronia	Star City, Ind.
Jackson, Mabel	Dayton
Jackson, Margaret A.	Portsmouth
Jamison, Katie Belle	Seaman
Jeffers, Ruby	Ashtabula
Jenkinson, Dorothy	Spencerville
Jones, Emma	West Carrollton
Johnson, Anna	New Vienna
Johnson, Cyrena E.	Bantam
Johnson, Mabel	Mulberry
Johnson, Martha	New Vienna
Johnson, Susan	Spanish Fork, Utah
Junk, Alba B.	Chillicothe
Kaeser, E. C.	Hamilton
Kaser, Irene	Sidney
Kelsch, Alvina	Cincinnati
Keltner, Irene	Hamilton
Kennedy, Ina Edna	Xenia
Kennedy, Louise Frances	Sidney
Kennedy, Helen	Felicity
Kern, Mabel	Harrison
Kessler, Russell	Peebles
Kibbey, Hazel Ruth	Covington
Kilgallon, Ferne	Eaton
Kinder, Roland H.	Bellbrook
Kinderdine, Jessie	Miamisburg
Kite, Gladys	Urbana
Knight, Laura T.	Cincinnati
Knouff, Marie	Piqua
Kochenderfer, Minnie	Oxford
Kolb, Mary E.	Harrison
Kyle, Nelly F.	Kyle
Landis, Edna	Germantown
Landis, Helen	Germantown
Lambert, Majorie	Farmersville
Lawrence, Mrs. V. N.	Oxford

<i>Name</i>	<i>Home Address</i>	<i>Name</i>	<i>Home Address</i>
Lawrence, V. N.....	Oxford	Merrilees, Jennie Edith.....	Bellefontaine
Lawson, Lena .....	Farmersville	Merton, Allie.....	Amelia
Lehmann, Anna .....	Cincinnati	Mezger, Teresa.....	Fayetteville
Leibbrook, Mary.....	Hamilton	Miller, Edward F.....	Spencerville
Lemmon, Genette M.....	Cincinnati	Miller, Leah.....	Spencerville
Lemmon, Genevieve.....	Cincinnati	Miller, Maye N .....	Williamsburg
Lemon, Jessie.....	Newton	Minnich, Hazel.....	Eldorado
Lichti, Helen.....	Urbana	Minnigan, Glenna.....	Dayton
Lindsley, Evangeline.....	Dayton	Mitchell, Nell B.....	Norwood
Link, Edith M.....	Wapakoneta	Mobberley, Thomas C.....	Saylor Park
Litehiser, Mary .....	Eaton	Montgomery, Alma .....	Lebanon
Lockhart, Helen.....	Granville	Moor, Alice L.....	Lima
Lodge, Susanna K.....	Dayton	Moore, Bernice.....	Lima
Logan, Cora Lee.....	Cincinnati	Moore, Harriette Lindsey.....	Cincinnati
Lohman, Wilhelmine.....	Hamilton	Morgan, Lucile .....	Hillsboro
Long, Inez.....	Eastwood	Morris, Augusta H.....	Covington, Ky.
Long, Lula.....	Spencerville	Morrison, Alfred A.....	Peebles
Lukemire, Barbara.....	Williamsburg	Morrison, Lottie.....	Rockford
Luse, Cora.....	Mt. Healthy	Morton, Miriam K.....	Pleasant Hill
Lyon, Lelia.....	Dayton	Mott, Bessie.....	New Richmond
McCall, Mayme Estill.....	Bethel	Mowery, Alvena.....	Cridersville
McClain, M. M.....	Miamisburg	Myers, Thelma.....	Bradford
McClellan, Edward.....	Eaton	Nash, Daisy Belle.....	Mt. Carmel
McClellan, George B .....	Eaton	Neeld, Edith M.....	Xenia
McClellan, Ruth.....	Hamilton	Neff, Caroline A.....	Dayton
McClure, Hallie J.....	Shelbyville, Ky.	New, Mary Lucile .....	Winchester
McConnell, Ella Lorena.....	Northfield	Newton, Frances May.....	Oxford
McCray, Veronica.....	Lima	Newton, Harriet A .....	Oxford
McCurdy, Mary .....	Osborn	Nichols, Agnes.....	Batavia
McDowell, E. Jane.....	Ottawa	Norris, Lela S.....	Chilo
McGown, Amy.....	Sidney	O'Leary, Marie.....	Eaton
McGraw, Lela.....	Felicity	Olwine, Pauline .....	New Lebanon
McKee, Helen Johnson.....	Dayton	O'Neil, Golda.....	Portsmouth
McKeever, Florence.....	Xenia	Orth, Helen.....	Norwood
McKhann, Zerelda E.....	Oxford	Overbeck, Anna .....	Cincinnati
McKinney, Nina.....	Lynchburg	Overholtz, Nelle.....	Oxford
McKinsey, Henrietta.....	Waynesville	Pabst, Adela.....	Hamilton
McManis, S. Easton.....	Winchester	Page, Helen.....	Felicity
McMullen, Emma L.....	Hillsboro	Pattison, Georgiana .....	Camden
McNabb, Pearl.....	West Carrollton	Paxton, Mary E .....	College Corner
McSurely, Mary .....	Oxford	Perrone, Carl.....	Cincinnati
Maddox, Viola.....	Newtown	Puterbaugh, Allen S.....	Arcanum
Maiter, Alice.....	Portsmouth	Pfister, Margaret.....	Oxford
Manuel, Lucille.....	Greenville	Peralta, Jose Joaquin .....	Cartago, Costa Rica, C. A.
Marshall, Lucille.....	Georgetown	Phares, Helen.....	Camden
Marsh, Gretchen.....	Louisville, Miss.	Pheanis, W. T.....	West Elkton
Marthis, Hazel Lenora.....	Williamsburg	Pierson, Clyde D.....	Oxford
Martin, Florence.....	Sidney	Pitsinger, Arthur Robert.....	Eaton
Martin, Katie.....	Columbus	Plotner, Katherine.....	Newport, Ky.
Martin, Leona S.....	Simpsonville, Ky.	Pollock, Harold V.....	Camden
Martin, Lora P.....	Simpsonville, Ky.	Prine, Florence A.....	Hillsboro
Matson, Lillian.....	Cleves	Prine, Pearl A.....	Hillsboro
Meek, Bernice E.....	Newtonville	Pryor, Dorothy.....	Camden
Melton, Lucile.....	Cincinnati		



<i>Name</i>	<i>Home Address</i>
Purdy, Ival.....	Spencerville
Purnell, Grace E.....	Continental
Purnell, Mary.....	Ottawa
Ranz, Esther.....	Blue Ash
Ray, Elizabeth.....	Xenia
Ray, Miriam.....	Xenia
Reardon, Margaret.....	Glendale
Reeve, Grace E.....	Somerville
Reisinger, Thelma.....	Bethel
Reinoehl, Bessie E.....	Wheelersburg
Remley, Lottie.....	New Richmond
Rentschler, Katherine.....	Hamilton
Rhinehart, Karl J.....	Lewisburg
Rich, Alice L.....	Hamilton
Richard, Carmen.....	Oxford
Richard, Francis G.....	Oxford
Richardson, Marion W.....	New Weston
Richey, W. L.....	Sciotoville
Roberson, Harvey C.....	Oxford
Roberts, Esta.....	Camden
Roberts, Margaret C.....	Louisville, Ky.
Roberts, Ruth.....	Lewisburg
Roberts, Selma.....	Camden
Robinson, Ruth.....	Franklin
Robuck, Maude Foreman.....	West Union
Roess, Sophia.....	Cridersville
Roever, Edith.....	Cleves
Rogers, Roy.....	Martinsville
Roman, Mrs. Myra.....	Piqua
Roudebush, Ethel.....	Goshen
Roudebush, Sarah.....	Oxford
Russell, Glenn W.....	Harrison
Saylor, Martha.....	Xenia
Saunders, Harold R.....	Columbus Grove
Savage, Winifred C.....	Xenia
Schaffer, Mearl.....	Friendship
Schuck, Anna.....	Harrison
Schwark, Agnes.....	St. Marys
Schwing, Edward W.....	Ross
Seaton, John T.....	West Mansfield
Scott, John Willard.....	Huntington, W. Va.
Serrano, J. Enrique.....	Santiago, Chile.
Schaffer, Josephine.....	Lima
Shauer, Clifford E.....	Sciotoville
Shinkle, Ruth.....	Bethel
Shinn, Anna.....	Lebanon
Shively, Mrs. Blanche.....	Eaton
Shumaker, Alma E.....	Winchester
Sibcy, Jesse E.....	Lebanon
Simpson, Anna.....	Strattonville, Pa.
Simon, Eva.....	Moscow
Simon, Hazel.....	Moscow
Slater, Dwight W.....	Cincinnati
Slyder, Vera.....	New Lebanon

<i>Name</i>	<i>Home Address</i>
Smith, Clara Emma.....	Martinsville
Smith, Dolly Lucille.....	Amelia
Smith, Klonda D.....	Farmersville
Smith, Mary.....	Otway
Smith, Teddy.....	Amelia
Sourwine, Bernice.....	Hamilton
Spence, Ruth.....	Bethel
Sporing, E. F.....	New Port, Ky.
Sporing, T. B.....	Shelbyville, Ky.
Springer, Charles.....	Cincinnati
Springmyer, Lessie.....	Westwood
Stafford, Mabel Retta.....	Kyle
Stager, Irene.....	Loveland
Stall, J. F.....	Cleves
Starr, Clarabel.....	Bellefontaine
Stevens, Freda.....	Mt. Healthy
Stevenson, Edna.....	Xenia
Stevenson, Mae.....	Xenia
Stevenson, Scottie.....	Maysville, Ky.
Stewart, Bessie E.....	Ironton
Stines, Mildred.....	Dayton
Stomberger, Della C.....	Brookville
Stonerock, Vivian.....	Union
Stout, L. Blanche.....	Oxford
Stove, Gladys.....	St. Marys
Stover, Luveria.....	Palestine
Stratton, Lucille.....	Cleves
Strickland, Lucille.....	Bethel
Strudel, Ada.....	Hamilton
Stuck, Mary.....	Union City, Ind.
Stuckey, Emma.....	Prospect
Sutterfield, Eva G.....	West Union
Schwartz, Edith.....	Oak Harbor
Sweeney, Alice.....	Loveland
Sweeney, Marie.....	Lima
Taules, Marguerite.....	Rossville, Tenn.
Taylor, Elizabeth.....	Rossmoyne
Taylor, Elma.....	Morning View, Ky.
Teegardin, Thelma.....	Ashville
Temple, Eunah.....	Oxford
Tener, Carlton Glen.....	Sinking Spring
Terwilleger, Laura J.....	Okeana
Throckmorton, Florence.....	West Carrollton
Timmons, Ida.....	New Paris
Tingle, H. G.....	Vandalia
Thomas, Margaret.....	Newton
Thomas, Pearl.....	New Madison
Thomas, Winnifred.....	Okeana
Thompson, Jeannette.....	Pleasant Ridge
Tieman, Bell.....	Dayton, Ky.
Truax, Lillian.....	St. Marys
Turner, Marjorie.....	Springvalley
Turrell, Elizabeth.....	Connersville
Twitchell, Herbert D.....	Hamilton



<i>Name</i>	<i>Home Address</i>	<i>Name</i>	<i>Home Address</i>
Ungethuem, Minna K.	Batavia	Wiley, Mary	Glendale
Van Ausdall, Frank	Reily	Williams, Alice	Hillsboro
Vogel, Edith M.	Trenton	Williams, Charles	Oxford
Vulgamore, Mrs. Hazel	Piketon	Williams, Helen Marie	Lima
Wade, Mary Ruth	Melvin	Williams, Mary D.	Liberty, Ind.
Wakefield, Madge	Loveland	Wilson, Alice	West Middletown
Walker, Luella	Bellevue, Ky.	Wise, Hazel	Williamsburg
Walker, E. A.	Seaman	Wisman, Sylvia	Montpelier
Walker, Elizabeth L.	Hillsboro	Wolfstein, Agnes	Avondale, Cincinnati
Wallace, Margaret H.	Bellefontaine	Woolley, Blanche	Hamilton
Watson, Margaret	Dayton	Wren, Lora Bernice	Salem, Ind.
Weaver, Ethel M.	Centralia, Ill.	Wright, Clara	Eaton
Weaver, Minnie B.	Spencerville	Wright, Mrs. J. R.	Oxford
Weaver, Ruth	Batavia	Wright, John Rees	Oxford
Weigel, Anna	Mt. Healthy	Wurzelbacher, H.	Cincinnati
Weisberg, Goldie	New Richmond	Wust, Margaret E.	St. Marys
Wetherill, Grace	Kenton	Yanney, Fern	North Bend
Whitenack, Birdie	Cozaddale	Young, Bettie	West Union
Whitling, J. Mary	Delphos	Young, James	West Union
Whitney, Maude	Covington	Young, Margaret Louise	Covington, Ky.
Wilcox, Eunice	Palestine		
Wilhelmi, Ethel	W. Carrollton		

Total 551: Men 91; Women 460.

## Second Term

Allspach, Freda	Trenton	Colbert, Norma	Felicity
Apple, Charles	Oxford	Conley, Fred	Newburg, W. Va.
Armstrong, Rosemary	Glendale	Cook, Mary Loomis	Henderson, Ky.
Babcock, E. Mabel	Jackson Center	Cooley, Martha	Cedarville
Balzhiser, Minnie	Dayton	Corbin, Emma	Bellefontaine
Barrett, Mary V.	Cincinnati	Corson, Emma	Holland
Bear, Edna	Hamilton	Cory, Laura	Hamilton
Bechtel, Addie	Holland	Cragg, Elsie M.	Hartwell
Bechtel, Edna	Holland	Cunningham, Constance	Galena
Beckett, Fannie	Elmwood Place	Davidson, Minnie	Oxford
Berning, Julia	Mt. Healthy	Davis, Elsie Hazel	Batavia
Black, A. E.	Oxford	Davis, Gladys B.	Jackson Center
Bornhorst, Marie	Minster	Davis, Lena	Milford
Bosart, Maybelle	W. Mansfield	Dawson, Madeline	Greenville
Bower, Ernest	Rushsylvania	DeLargy, Percy	Bradford
Bradford, Margaret	Oxford	Dorcas, Edna	Holland
Brewer, Emma C.	Franklin	Doty, Eda	Gratis
Brown, Ray M.	West Manchestet	Ely, Daisy	Batavia
Bucher, Alma	Germantown	Emrick, Lester N.	Germantown
Bullock, Amy	Loveland	Fink, Hugh	Oxford
Burris, William Leroy	Kyles	Fletcher, Benjamin Moses	
Cahall, Roy E.	Cincinnati		Cedar Grove, Ind.
Campbell, Virginia	Wapakoneta	Fletcher, Harriet	Cedar Grove, Ind.
Carmony, Robert	Sidney	Foltz, Naomi	Miamisburg
Carroll, H. S.	Elizabethtown	Ford, Margaret	Oxford
Casey, Margaret	Glendale	Forsythe, Josephine	Huntsville
Clark, Ruth	Dayton	Geeting, Anna	Oxford
Cobb, Euclid	Monmouth, Ill.	Geeting, Cecil	Oxford

<i>Name</i>	<i>Home Address</i>
German, Dorothy.....	Cincinnati
Glidewell, Vivien.....	Oxford
Grace, Sister Anna.....	Glendale
Grafft, Jane.....	Trenton
Grear, Florence Odessa.....	Jeffersonville
Hart, Iris.....	Rockford
Hasselbach, Gertrude.....	Fremont
Hasting, Bess.....	Cincinnati
Hawkins, Nancy.....	Anna
Hayden, Dwight.....	Felicity
Helmer, Freda.....	Cincinnati
Hettel, Marguerite K.....	Cincinnati
Hiatt, Marie.....	Greenville
Hissong, Clyde.....	Reily
Hobson, Maud.....	North Lima
Hoffman, Velma.....	Cincinnati
Howe, Cora .....	College Corner
Huber, M. H.....	Harrison
Huber, Zetta A.....	Harrison
Huffman, Esther C.....	Verona
Hulse, Ruth J.....	Dayton
Hunsinger, Averil.....	Wheelersburg
Huston, Forest.....	Sidney
Ingram, Henrietta Walsham.....	Cincinnati
Ingram, Lila A.....	Elmwood Place
Johnson, Cyrena.....	Bantam
Johnson, Gladys M.....	Basil
Johnson, Susan.....	Spanish Fork, Utah
Johnston, Edith May.....	Athens
Junk, Alba.....	Chillicothe
Kaesar, E. C.....	Hamilton
Kelly, Genevieve.....	Fayetteville
Kennedy, Ina.....	Xenia
Kibbey, Hazel.....	Pleasant Hill
Kilgallon, Fern.....	Eaton
Kincaid, Bernice.....	Hamilton
Kinderine, Jessie.....	Miamisburg
Kline, Marie.....	Cincinnati
Kyle, Nellie.....	Kyle
Lambert, Marjorie.....	Farmersville
Lehnert, Florence.....	Tontogany
Leibrock, Mary.....	Hamilton
Lemon, Jessie.....	Newtown
Lombard, Helen.....	Westerville
McClellan, George B.....	Eaton
McConnell, Ella Lorenza.....	Northfield
McGraw, Lela.....	Felicity
McManis, S. E.....	Winchester
McMullin, Edith May.....	Selma
McTamany, Beatrice.....	Georgetown
Maiter, Alice.....	Portsmouth
Manrod, Carl.....	Oxford
Manuel, Lucille.....	Greenville

<i>Name</i>	<i>Home Address</i>
Marsh, Gretchen.....	Louisville, Miss.
Merrilees, Edith.....	Bellefontaine
Minnes, Edward Everett.....	Lockland
Minnes, Mrs. Louisa A.....	Lockland
Morrison, A. A.....	Peebles
Myers, Thelma.....	Bradford
O'Neal, Golda.....	Portsmouth
Orth, Helen.....	Cincinnati
Pecht, P. B.....	Mansfield
Peralta, J. J.....	Cartago, Costa Rica, C. A.
Pollock, Harold.....	Camden
Prine, Florence.....	Hillsboro
Prine, Pearl.....	Hillsboro
Pryor, Dorothy.....	Camden
Rentschler, Katherine.....	Hamilton
Richey, Warren.....	Sciotoville
Riebel, Clara E.....	Chilo
Robinson, Pearl.....	Glendale
Rogers, Roy.....	Martinsville
Russell, Glenn W.....	Harrison
Schuster, Ella.....	Cincinnati
Schwing, Edward W.....	Ross
Serrano, Enrique.....	Santiago, Chile-Compornia
Shuey, Bernice H.....	Ft. Thomas, Ky.
Silvers, Arthur L.....	Eaton
Simons, Dora.....	North Baltimore
Simon, Hazel.....	Moscow
Slater, D. W.....	Cincinnati
Stafford, Mabel R.....	Kyle
Steele, Laura Melissa.....	Middletown
Stomberger, Della.....	Brookville
Stove, Gladys.....	St. Marys
Stuck, Mary.....	Union City, Indiana
Taylor, Elizabeth.....	Rossmoyne
Tener, Carlton Glen.....	Sinking Spring
Thompson, Jeannette.....	Pleasant Ridge
Vogel, Edith.....	Trenton
Vulgamore, Hazel.....	Piketon
Wagner, Ada Merle.....	Athens
Walker, E. A.....	Seaman
Weaver, Ruth.....	Batavia
Weigel, Anna.....	Mt. Healthy
Wetherill, Grace.....	Kenton
Whitling, Mary J.....	Delphos
Williams, Alice.....	Hillsboro
Willis, Mamie.....	Felicity
Willis, Marjorie.....	Jackson Center
Woolley, Blanche.....	Hamilton
Woolley, Edgar A.....	Hamilton
Wright, J. R.....	Oxford

Total 158: Men 39; Women 119.

## Extension Courses

### INSTRUCTORS

#### GEORGE E. CARROTHERS

Arcanum  
Covington  
Dayton  
Miamisburg  
Middletown  
Piqua  
Sidney  
Troy  
West Milton  
Xenia

#### WALTER GUILER

Dayton  
Ft. Loramie  
Sidney

#### B. F. SCUDDER

Bethel  
Fayetteville  
Felicity  
Hillsboro  
Mt. Orab  
Peebles  
Seaman  
South Webster  
Williamsburg  
Winchester

#### H. C. MINNICH

Harrison

### Students

<i>Name</i>	<i>Center</i>	<i>Name</i>	<i>Center</i>
Abbott, Clyde M.	Felicity	Barnes, Bessie	Dayton
Abbott, Dora May	Felicity	Barnes, D. H.	Xenia
Adams, Mary L.	Piqua	Barnes, Opal	Xenia
Aeh Mr.	South Webster	Barnes, P. N.	Troy
Aeh Miss	South Webster	Barnes, Ruth E.	Xenia
Aikman, Effie	Sidney	Barr, Grayce	Dayton
Albaugh, Bertha	West Milton	Bauer, Helen	Miamisburg
Albaugh, Lilley	West Milton	Bauer, LaVeta Marie	Miamisburg
Albright, Freda E.	Arcanum	Bayes, Una L.	Troy
Aldridge, Jerome	Seaman	Bayliss, Mary E.	Miamisburg
Alley, Frank L.	Troy	Beaman, Lusanna	Sidney
Ambuhl, Ella	Xenia	Bear, Harris V.	Miamisburg
Anderson, Katherine	Sidney	Beck, Olive M.	Dayton
Anderson, Mary L.	Seaman	Beeson, Elmer G.	Dayton
App, Helen	Middletown	Bell, Maud	Miamisburg
Armocost, Wilfred	Felicity	Bellings, William K.	Peebles
Arnett, Anna Alice	Hillsboro	Bennett, Alma	South Webster
Astor, Mildred L.	Dayton	Beringer, Marie	Dayton
Babylon, Chloe	Troy	Best, Nellie	Arcanum
Bailey, Mary Amy	Dayton	Beyersdorfer, Ruth	Felicity
Baird, Fern W.	Seaman	Bishop, Oscar	Mt. Orab
Baker, Edna	South Webster	Black, Austin J.	Xenia
Baker, Gladys	Winchester	Blake, Ruth	Sidney
Bales, Helen	Xenia	Bliss, J. Edward	Arcanum
Ball, M. M.	South Webster	Bloom, Edna	Xenia
Balzhiser, Minnie A.	Dayton	Blosser, Alice	Piqua
Bambach, Josephine	Bethel	Blue, Bonnie M.	Sidney
Banker, Lida	Middletown	Boesel, Mamie	Ft. Loramie
Banzhaf, Rosine	Middletown	Bonar, Lula	Felicity
Bare, Eva	Mt. Orab	Bookwalter, Florence D.	Miamisburg
Barlow, Lucie	Williamsburg	Boomershine, Earl V.	Mbmrgruiig



<i>Name</i>	<i>Center</i>
Boothby, Florence.....	Mt. Orab
Borchers, Ruth.....	Dayton
Borden, R. L. ....	Peebles
Borden, Ruby .....	Winchester
Bothman, Bertha .....	Winchester
Bouts, John Harry.....	Miamisburg
Bowen, Maude.....	Sidney
Boyd, Bernice.....	Mt. Orab
Boyer, Faye.....	Sidney
Bradford, Mrs. Stanley G.....	Dayton
Brady, Katherine E.....	Miamisburg
Bragdon, Ethel .....	Williamsburg
Brewer, Clarence L.....	Hillsboro
Bright, Daniel.....	West Milton
Brooks, Cora.....	Bethel
Browder, G. T. ....	Arcanum
Brown, Beatrice.....	Arcanum
Brown, Edith .....	Piqua
Brown, Leone .....	Arcanum
Brown, Ruhanna.....	Bethel
Brown, Susan .....	Bethel
Brownlee, George T.....	Peebles
Brumbaugh, Esther .....	Covington
Brumley, O. H.....	Winchester
Burris, Freida.....	Felicity
Burris, William Leroy.....	Middletown
Burt, Loretta A.....	Piqua
Burton, E. Ray.....	Felicity
Butler, Dorothy .....	Dayton
Cadot, Darlene P.....	South Webster
Cain, Josephine Burgess .....	Middletown
Campbell, Erma V.....	Harrison
Carmony, Virgil R.....	Sidney
Carr, Lois.....	Dayton
Cartwright, Drew J.....	Peebles
Cartwright, Ray .....	Hillsboro
Cassel, J. C.....	West Milton
Cattell, Marjorie.....	Sidney
Chaney, Anna.....	Middletown
Chatterton, Pearl .....	Bethel
Christy, Elizabeth Barbara.....	Miamisburg
Cleaver, Hazel M.....	Harrison
Clemons, Carl V.....	Mt. Orab
Clevenger, Nellie C .....	Piqua
Cloppert, Nellie.....	Dayton
Clouse, Margaret.....	Piqua
Coate, Donna.....	West Milton
Cobb, Roy.....	Williamsburg
Cobler, Mary.....	Peebles
Colbert, Norma.....	Felicity
Cole, W. J. B.....	South Webster
Conkle, Florence.....	Seaman
Cook, Clifford.....	Dayton
Copeland, Fred.....	Peebles

<i>Name</i>	<i>Center</i>
Copp, H. J.....	Sidney
Cory, Eleanor.....	Middletown
Cowdrey, Ada.....	Williamsburg
Crets, Alice.....	Harrison
Crew, Angie.....	West Milton
Crissman, Eva F.....	Winchester
Cron, Freda.....	Piqua
Croy, Florence.....	Dayton
Croy, May.....	Dayton
Cummins, Harriet K.....	Sidney
Custer, Mary E.....	Hillsboro
Dadisman, Orpha E .....	Dayton
Davis, Fannie.....	West Milton
Davis, H. E.....	Arcanum
Davis, Helen M.....	Piqua
Davis, Marie.....	Seaman
Day, James C.....	Mt. Orab
Day, Olive.....	Peebles
Day, Sylva.....	Peebles
Dean, Mrs. F. H .....	Xenia
Dechant, Irene M.....	Dayton
Deel, Collard C.....	Bethel
Deel, Louise.....	Bethel
DeMint, C. S.....	Winchester
Dietz, Dora.....	Middletown
Dillencourt, Letitia.....	Xenia
Dillon, Mary Geraldine .....	Sidney
Ditmer, Russell.....	West Milton
Dollinger, Lee A.....	Sidney
Downey, John A.....	Troy
Doyle, A. E .....	Winchester
Duer, Ellen Claire.....	Piqua
Dunkel, Jennie.....	Arcanum
Dwyer, Hazel M .....	Piqua
Earnest, Mrs. Carrie Neer....	West Milton
Earnest, U. Grant.....	West Milton
Earnhart, Blanche.....	Middletown
Eberwein, Raymond.....	Arcanum
Eby, Edith.....	Dayton
Eckhardt, Myron.....	Dayton
Eckman, J. R.....	Winchester
Edenfield, Alfred.....	Winchester
Eggleston, Amy B.....	Middletown
Ehlers, Rose P .....	Piqua
Eilerman, William B.....	Ft. Loramie
Eckmeyer, Maud.....	Ft. Loramie
Elliott, Susanna .....	Piqua
Ely, Clara.....	Bethel
Enders, Wilbur Lawrence.....	Sidney
Ernest, John C.....	Ft. Loramie
Ernest, Pauline .....	Ft. Loramie
Eshbaugh, Mark .....	Dayton
Etter, Grace .....	Covington



<i>Name</i>	<i>Center</i>	<i>Name</i>	<i>Center</i>
Eubanks, Ada	Peebles	Harbaugh, Maud	Troy
Evans, Euphrasia	Fayetteville	Hargis	South Webster
Evans, Gertrude	Fayetteville	Harlan, William H.	Xenia
Evans, Josephine	Fayetteville	Harned, Katherine A.	Xenia
Evans, Loretta	Fayetteville	Harper, May M.	Xenia
Evans, Matilda	Fayetteville	Harr, Georgiana S.	Middletown
Evans, Robert A.	Fayetteville	Hartzell, Charlotte E.	Piqua
Evers, Henrietta Mabel	Xenia	Hastings, R. E.	Middletown
Eyre, Lillian Myrtle	Seaman	Hawk, William M.	Harrison
Felger, Edna	Covington	Haynes, Fannie K.	Xenia
Fenton, Alice	Arcanum	Hedrick, J. M.	Peebles
Fisher, C. V.	Peebles	Heller, W. H.	South Webster
Fisher, Stella M.	Miamisburg	Hendrickson, Gladys	Dayton
Fite, Estella	Bethel	Henger, Editha Mildred	Dayton
Fleckenstein, Eleonora	Ft. Loramie	Henssler, Mrs. Martha E.	Dayton
Fleming, Helen	Piqua	Herr, Pauline	Dayton
Folker, Eva	West Milton	Hertlein, Grace	Fayetteville
Fornshell, Ruth C.	Miamisburg	Hetherington, Helen D.	Piqua
Fouremann, Lula	Arcanum	Hickman, Vesta	Xenia
Fouts, Anna	Dayton	Hill, James Walter	Covington
Frank, Myrna	Middletown	Hobbs, Bertha	Hillsboro
Frank, Omer H.	Middletown	Hockaden, E. M.	Peebles
Franz, R. C.	Williamsburg	Hoeflich, Lenna V.	West Milton
Frost, Ethel	Peebles	Hoffman, Miss	Williamsburg
Frost, Ruth	Piqua	Holladay, Dolly	Hillsboro
Fuhr, Mrs. F. W.	Williamsburg	Hollinger, William M.	Arcanum
Fuhr, L.	Williamsburg	Holter, Gail	Bethel
Fulker, Hobart A.	Covington	Hoop, Bert C.	Peebles
Gardner, Grace	Piqua	Hoover, Margie	Covington
Garst, John M.	Dayton	Hopewell, E. E.	Hillsboro
Gaymann, Thelma C.	Hillsboro	Hopkins, Mary H.	Xenia
Geesner, Grace	Fayetteville	Horton, Minnie H.	Middletown
Geiger, Eldon	Middletown	Howland, Minnie Myrtle	Winchester
George, Chester	Dayton	Huber, Marion H.	Harrison
Getter, Herbert L.	Miamisburg	Hudson, Ella R.	Xenia
Gigandet, Alma	Ft. Loramie	Huesman, Marie	Dayton
Gillespie, Marguerite M.	Piqua	Huey, Halley C.	Mt. Orab
Glancy, Cecile Mary	Williamsburg	Hughes, Mary	Williamsburg
Glancy, Lulu Edna	Williamsburg	Hulse, Ruth J.	Dayton
Goddard, Gladys	Williamsburg	Hunter, Blanche	Hillsboro
Goode, Frances	Sidney	Hutchinson, Goldie	Fayetteville
Gore, Martha L.	Peebles	Innis, Florence	Williamsburg
Gower, Elza	Arcanum	Jackson, E. M.	South Webster
Grant, M.	South Webster	Jackson, Mabel Doris	Dayton
Graw, Dora Caroline	Sidney	Jacobs, Miss	South Webster
Gray, J. Stemley	Sidney	Jamison, Katie	Winchester
Green, Mary	Winchester	Jefferys, E. M.	Middletown
Greene, Jannie	Peebles	Jelley, Anna M.	Sidney
Gretsinger, Mary	Xenia	Johnson, Ada B.	Hillsboro
Groves, Lois	Troy	Johnson, Iva	Bethel
Hall, Lucia F.	Dayton	Johnson, W. Henry	Fayetteville
Hall, Neva M.	Sidney	Johnston, Ella	Harrison
Hamilton, Bessie	Hillsboro	Johnston, Mabel	Covington
Hamm, Mrs. Mary H.	Dayton	Jones, E. M.	Peebles

<i>Name</i>	<i>Center</i>
Kaltenback, E. M.	South Webster
Kane, Virginia	Middletown
Kanouse, L. A.	South Webster
Kaser, Gertrude	Middletown
Kaser, Irene	Sidney
Kaser, Margaret Katharine	Middletown
Keach, Dwight T.	Williamsburg
Kennedy, Helen	Felicity
Kennedy, Frances Louise	Sidney
Kern, Mabel	Harrison
Kester, Imogene	Arcanum
Kimmel, Catherine	Dayton
Kinder, Bertha E.	Miamisburg
Kinder, Mary E.	Miamisburg
Kinderdine, Jessie	Miamisburg
Kinker, Miss	South Webster
Kinsey, Evangeline E.	Dayton
Kippert, Mabel	Sidney
Kline, Margaret B.	Piqua
Kolb, Mary E.	Harrison
Koons, Mary E.	Dayton
Kopf, Helen M.	Piqua
Kress, Cora	Dayton
Krull, Ida	Dayton
Kuhner, C. E.	South Webster
Kulmle, Hazel	Troy
Kyle, Nelly F.	Middletown
Lemka, Marie	Troy
Landis, Helen	Dayton
Lane, Mrs. J. F.	Covington
Lanham, Leona	Felicity
Lansing, Beatrice	South Webster
Lauterbur, Anna Pauline	Sidney
Lawyer, Thomas I.	Harrison
Laymon, Berneda D.	Mt. Orab
Lees, Blanche	West Milton
Lees, Mary	West Milton
Lehman, Daisy	Sidney
Lehman, Kathryn	Covington
Levering, May D.	Piqua
Lodge, Lois	Dayton
Long, Grace Mildred	Arcanum
Louis, Ruth	Piqua
Lowder, Thelma	Arcanum
Loy, Walter	Ft. Loramie
Ludy, Clarence	Arcanum
Lukemire, Barbara	Williamsburg
Lutz, Eliza J.	West Milton
Lutz, Estella	Dayton
McCabe, Nellie	Piqua
McCarty, Clara	Xenia
McClure, Lulu Glasglow	Winchester
McClure, O. E.	Seaman
McCormick, Madge	Seaman

<i>Name</i>	<i>Center</i>
McCoy, Lena	Peebles
McCracken, Orpha H.	Troy
McElfresh, Edith C.	Dayton
McEowen, V. T.	Arcanum
McFarland, Joseph	Peebles
McGuire, Sarah	Arcanum
McKee, Helen J.	Dayton
McKee, Mary H.	Piqua
McMahan, Gale	Seaman
McMaken, Retta	Covington
McNabb, Pearl	Dayton
McNelly, Mary Ada	Dayton
McQuillan, May	Fayetteville
McVay, Catherine	Sidney
McVay, H. R.	Sidney
Mader, Ferdinand H.	Ft. Loramie
Maier, Ada	Covington
Main, Pearl	Troy
Malahan, W. S.	Sidney
Marshall, Laura A.	Sidney
Marthis, Hazel Lenora	Williamsburg
Martin, Homer A.	Mt. Orab
Martin, V. R.	Winchester
Matthews, Harley	Xenia
Mattox, Omer	Williamsburg
Maurer, Floyd R.	Covington
Meeker, G. E.	Mt. Orab
Meyers, Alta	Seaman
Mezger, Rose	Fayetteville
Mezger, Teresa	Fayetteville
Michael, Helen	Sidney
Miller, Etta	Mount Orab
Miller, Mabel	Troy
Miller, Nelle C.	Arcanum
Miller, Nora	Dayton
Miller, Olia	Mt. Orab
Miller, Pearl	West Milton
Miller, Ruth Bryant	Middletown
Miller, Sarah Ann	West Milton
Miller, Velma	Williamsburg
Milligan, C. A.	Peebles
Milligan, Charles	Seaman
Milligan, H. C.	Seaman
Milligan, Mabel	Seaman
Mills, Lillian	Mt. Orab
Minnich, Della B.	West Milton
Minnich, Irwin B., Jr.	Sidney
Minnigan, Glenna	Dayton
Mitchell, Mary E.	Piqua
Moloney, Alma	Sidney
Montgomery, Helen	Seaman
Moore, Julia	Bethel
Morgan, Lucile	Hillsboro
Morgan, Violet	Hillsboro

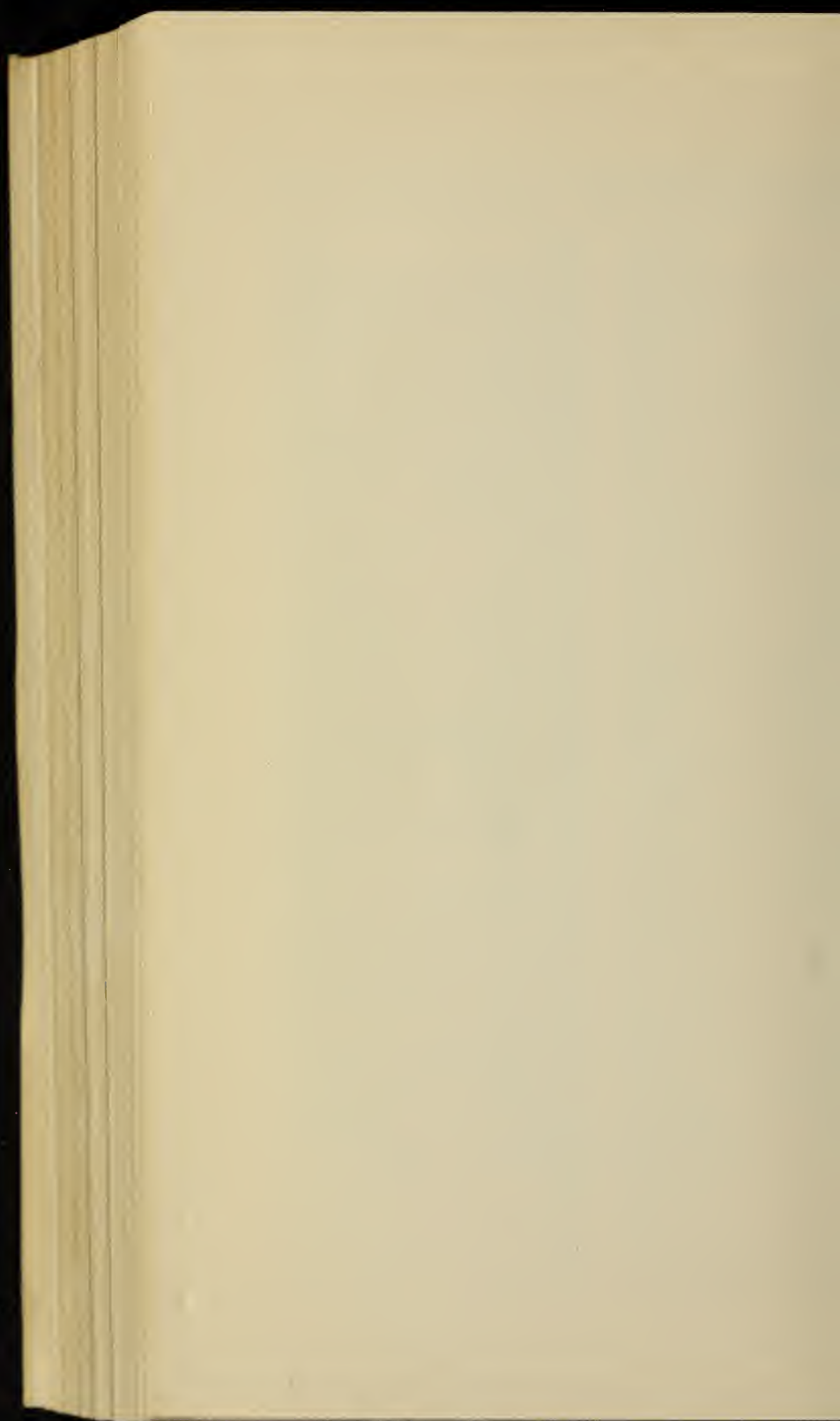
<i>Name</i>	<i>Center</i>	<i>Name</i>	<i>Center</i>
Morrow, Anna B.....	Xenia	Richards, Cinderella.....	Hillsboro
Morton, Miriam K.....	Covington	Riebet, Clara E.....	Felicity
Morton, Mildred.....	Middletown	Riebet, Edna.....	Felicity
Moser, Hazel M.....	Sidney	Riley, Ethel.....	Dayton
Mote, Lillian.....	Arcanum	Riley, R. C.....	Peebles
Motter, Helen.....	Covington	Rollman, Maud.....	Dayton
Moyer, Minnie.....	Miamisburg	Roman, Mrs. Myra.....	Piqua
Mummert, Florence E.....	Dayton	Rooks, Geneivra.....	Arcanum
Munger, Zoa.....	Middletown	Rose, Norma.....	Williamsburg
Murphy, Emmett.....	Hillsboro	Rosnagle, Cora A.....	Dayton
Myers, Ralph.....	Arcanum	Ross, Zella Frances.....	Dayton
Neal, Bessie.....	Middletown	Routson, G. W.....	Troy
Neal, Everett.....	Mt. Orab	Routsong, Madge.....	Dayton
Neal, Ray.....	Mt. Orab	Runyan, M.....	Williamsburg
Neff, Caroline Ada.....	Dayton	Sams, Howard L.....	Mt. Orab
Nichols, Pearl.....	Peebles	Sando, Ella.....	West Milton
Norris, Lela S.....	Felicity	Sarver, Florence L.....	Arcanum
Ochs, Louise.....	Dayton	Sarver, Violet.....	Arcanum
O'Donnell, Mary.....	Covington	Savage, Winifred C.....	Xenia
Patterson, Helen.....	Piqua	Saylor, Martha.....	Xenia
Patton, Margaret.....	Mt. Orab	Schell, C. Louise.....	Miamisburg
Patton, Mary.....	Mt. Orab	Schenck, Lois.....	Dayton
Patty, Arthur.....	Troy	Schlesinger, Marion E.....	Xenia
Pearson, E. J.....	Troy	Schnieberger, Amelia A.....	Sidney
Pearson, Estella M.....	Troy	Schuck, Anna.....	Harrison
Pearson, E. W.....	Troy	Schultheis, Anna.....	Felicity
Plummer, Harry.....	Peebles	Scott, Estelle.....	Seaman
Plummer, N. P.....	Peebles	Scott, John.....	Middletown
Potts, A. M.....	South Webster	Scott, Robert.....	Dayton
Potts, B. M.....	South Webster	Scott, Rowenna.....	Dayton
Potts, Clarence M.....	Covington	Sears, Harriet M.....	Xenia
Potts, Josie.....	Bethel	Secrist, Alva E.....	Peebles
Potts, M. D.....	South Webster	Segur, M. V.....	South Webster
Presser, Thomas L.....	Sidney	Selby, Lowell B.....	Arcanum
Price, Marie.....	Piqua	Seybold, Amy.....	Dayton
Prine, Florence A.....	Hillsboro	Seybold, Susia A.....	Dayton
Prine, Pearl A.....	Hillsboro	Shafor, Lucile.....	Middletown
Puterbaugh, Allen S.....	Arcanum	Shafor, Lydia R.....	Middletown
Puterbaugh, Edmund G.....	Arcanum	Shaffer, Florence.....	Dayton
Quinlin, Marie.....	Ft. Loramie	Shaffer, Guy.....	Hillsboro
Quirk, Mary C.....	Piqua	Shank, Kathryn E.....	Dayton
Randall, Margaret.....	West Milton	Shellabarger, Naomi.....	Covington
Randolph, Anna May.....	Middletown	Shepard, Hazel.....	Arcanum
Raterman, Minnie.....	Ft. Loramie	Shields, Mary.....	Arcanum
Ray, Elizabeth.....	Xenia	Shinkle, Ruth.....	Felicity
Ray, Joseph J.....	Xenia	Shoemaker, Mary.....	Hillsboro
Rayburn, Cordelia.....	Peebles	Shumaker, Alma.....	Winchester
Rayburn, E. Jane.....	Peebles	Shumaker, M. D.....	Winchester
Rayburn, H. G.....	Peebles	Simon, Della.....	Piqua
Reed, Maude O.....	Piqua	Slaght, Ruth E.....	Dayton
Rees, W. L.....	Winchester	Slyder, Versa L.....	Dayton
Reighley, Elvas W.....	Winchester	Smally, Edith.....	Miamisburg
Remley, Lottie.....	Bethel	Smith, Edna Margaret.....	Middletown
Ressler, Ada B.....	Miamisburg	Smith, Geneva.....	Peebles

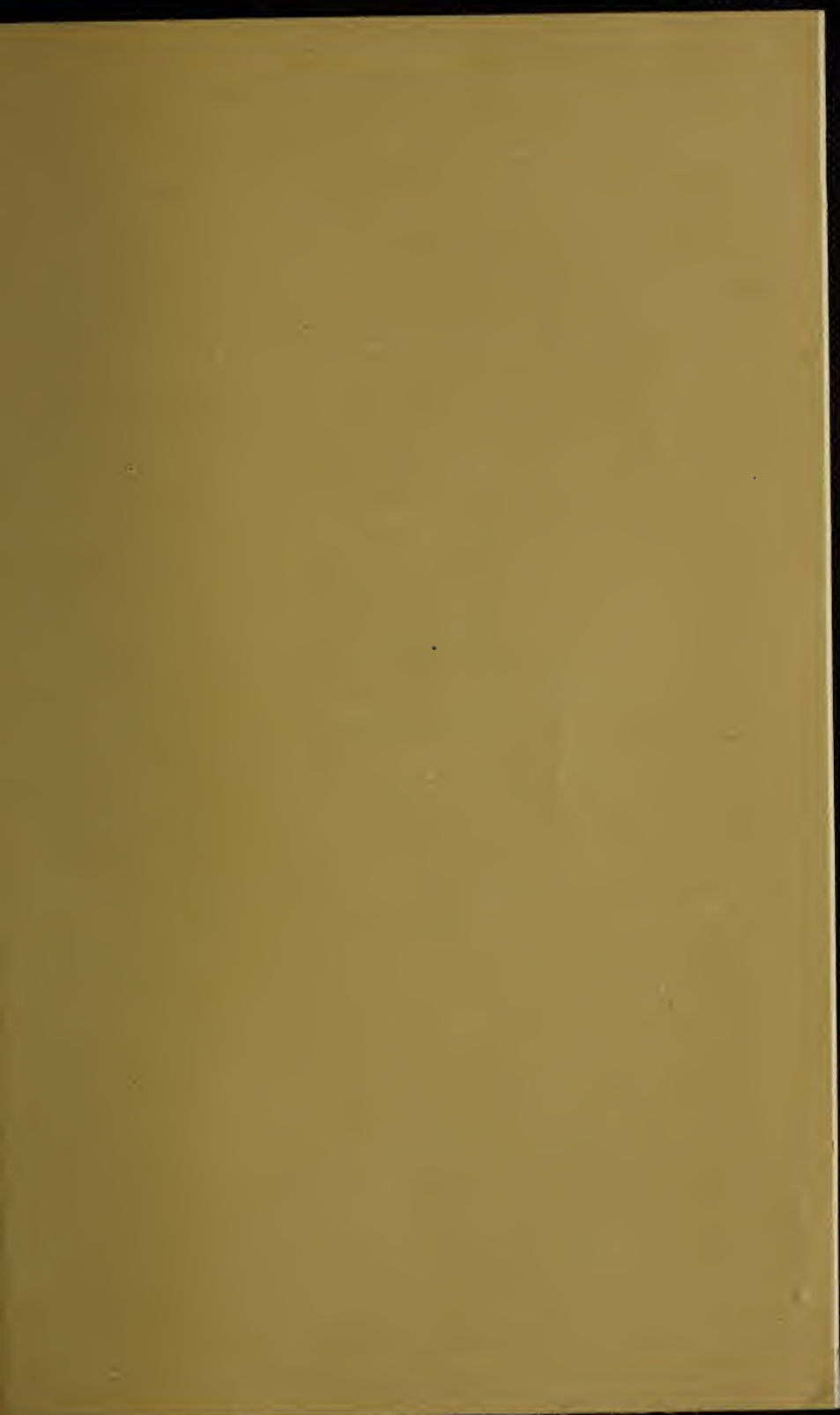


<i>Name</i>	<i>Center</i>	<i>Name</i>	<i>Center</i>
Smith, H. E.....	Middletown	Traber, Mary M.....	Peebles
Smith, Leroy.....	Mt. Orab	Troxell, Zella.....	Miamisburg
Smith, Pauline.....	Xenia	Tucker, Mr.....	Felicity
Smithman, Elmore.....	West Milton	Tucker, Scott L.....	Fayetteville
Smoot, Coila E.....	Sidney	Vance, H. H.....	Hillsboro
Snedaker, Jessie Lee.....	Seaman	Vance, Minna J.....	Dayton
Snyder, Olive J.....	Piqua	VanCleve, Ella.....	Dayton
Souders, Clara A.....	Sidney	VonBargen, Eda.....	Piqua
Souders, Lawrence.....	Ft. Loramie	Waits, E. A.....	Mt. Orab
Spence, Ruth.....	Bethel	Walsh, Blanche.....	Dayton
Spitler, Mrs. A. C.....	Arcanum	Ware, Mrs. Dell H.....	Middletown
Stahler, Cleo Clitus.....	Sidney	Warner, Clarence E.....	Piqua
Stailey, C. E.....	West Milton	Wasmuth, Phillippina.....	Dayton
Stairs, O. R.....	Felicity	Watson, Margaret.....	Dayton
Stall, John F.....	Harrison	Watts, Rose.....	Harrison
Steck, Edith.....	Dayton	Watts, Ross.....	Harrison
Steenrod, Mary.....	Sidney	Weaver, Olney.....	Dayton
Stephen, Zita.....	Fayetteville	Weber, Esther.....	Middletown
Stephens, Winnie.....	Sidney	Weber, Katherine.....	Dayton
Stevenson, Mae.....	Xenia	Wellner, Blanche.....	Middletown
Steward, Lola Vay.....	Sidney	Wells, Mary.....	Dayton
Stratton, Helen Shirley.....	Harrison	Wertz, Mertyle.....	West Milton
Stratton, Lucille V.....	Harrison	White, Calvia.....	Bethel
Strickland, Lucille.....	Bethel	White, Mary Jane.....	Harrison
Strohmeier, Charlotte.....	Piqua	White, Naomi Margaret.....	Harrison
Stroup, Galo.....	Hillsboro	Whitehead, Dorothy.....	Miamisburg
Stroup, Otto.....	Hillsboro	Wikoff, James L.....	Seaman
Stroup, Raymond.....	Hillsboro	Wilkinson, Anna R.....	Sidney
Stultz, Bessie.....	Peebles	Williams, F. E.....	Miamisburg
Stultz, Clara.....	Peebles	Williams, Mary Alice.....	Hillsboro
Sturm, Ralph D.....	Sidney	Willis, Mamie.....	Felicity
Sturm, Pauline.....	Sidney	Wilson, Etta.....	Sidney
Suffron, Estie.....	Winchester	Wilson, K. Fay.....	Piqua
Sullivan, Henry Lee.....	Arcanum	Wintringham, Lucile.....	Sidney
Sunday, Irene.....	Dayton	Wirick, Zelma.....	Sidney
Swigart, Mabel.....	Middletown	Wise, Mrs. Nellie Snook.....	Middletown
Taylor, Robert.....	Mt. Orab	Woinbold, Zana.....	Dayton
Teaters, Elizabeth.....	Troy	Wood, R. C.....	South Webster
Teeter, Marie.....	Dayton	Woolley, Edgar A.....	Middletown
Temple, Clarence O.....	Winchester	Wright, Evlyn.....	Sidney
Tener, E. G.....	Peebles	Wright, Maude.....	Sidney
Therman, Mrs. B. E.....	Peebles	Wright, Merlin Floyd.....	Harrison
Thompson, Mary.....	Peebles	Yanney, Fern.....	Harrison
Throckmorton, Florence.....	Dayton	Young, Emerson.....	Peebles
Todd, R. J.....	Middletown	Zeller, Effie O.....	Middletown
Townsend, Mary.....	Miamisburg	Zick, Edna.....	West Milton

Total: 585; Men 166; Women 419.



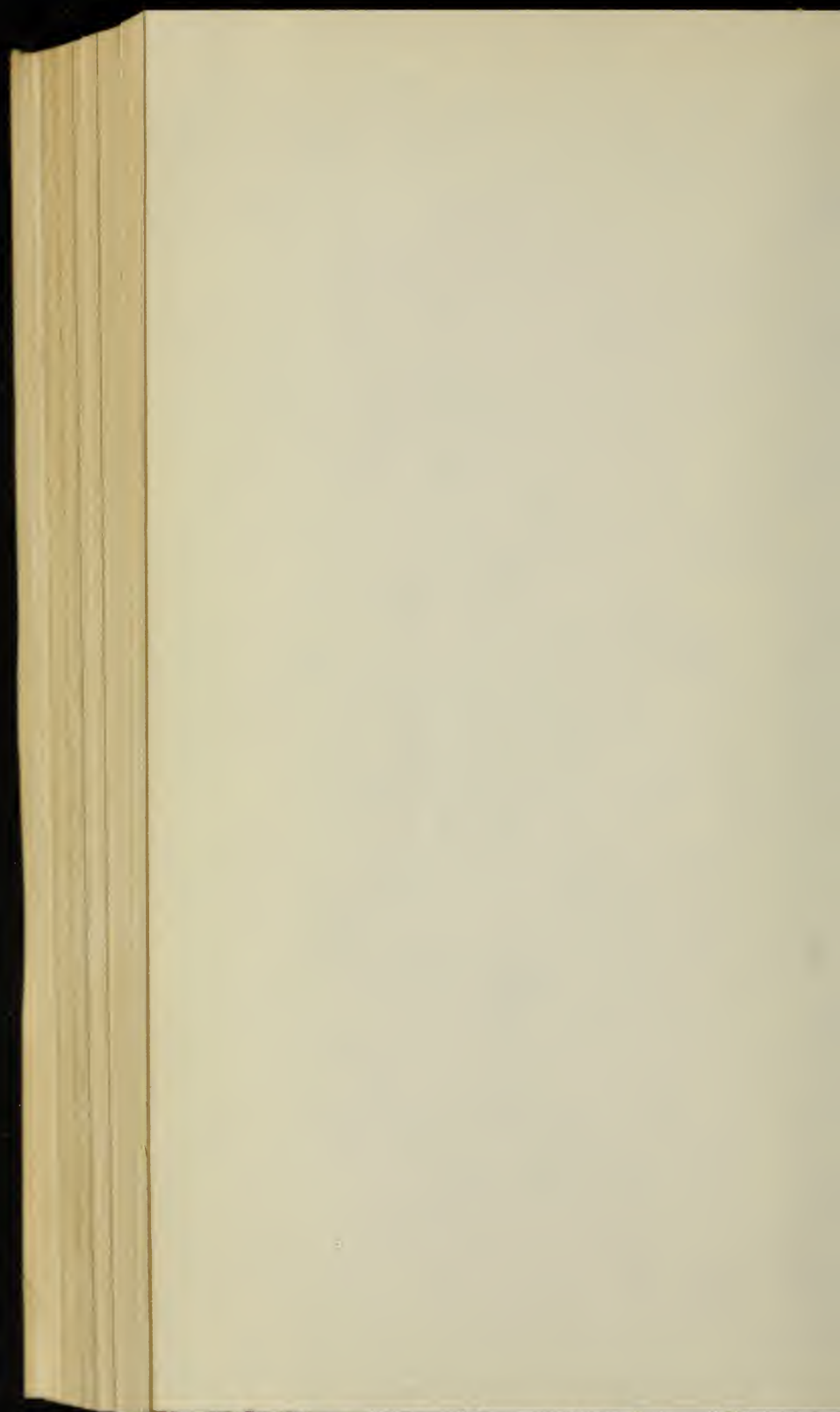




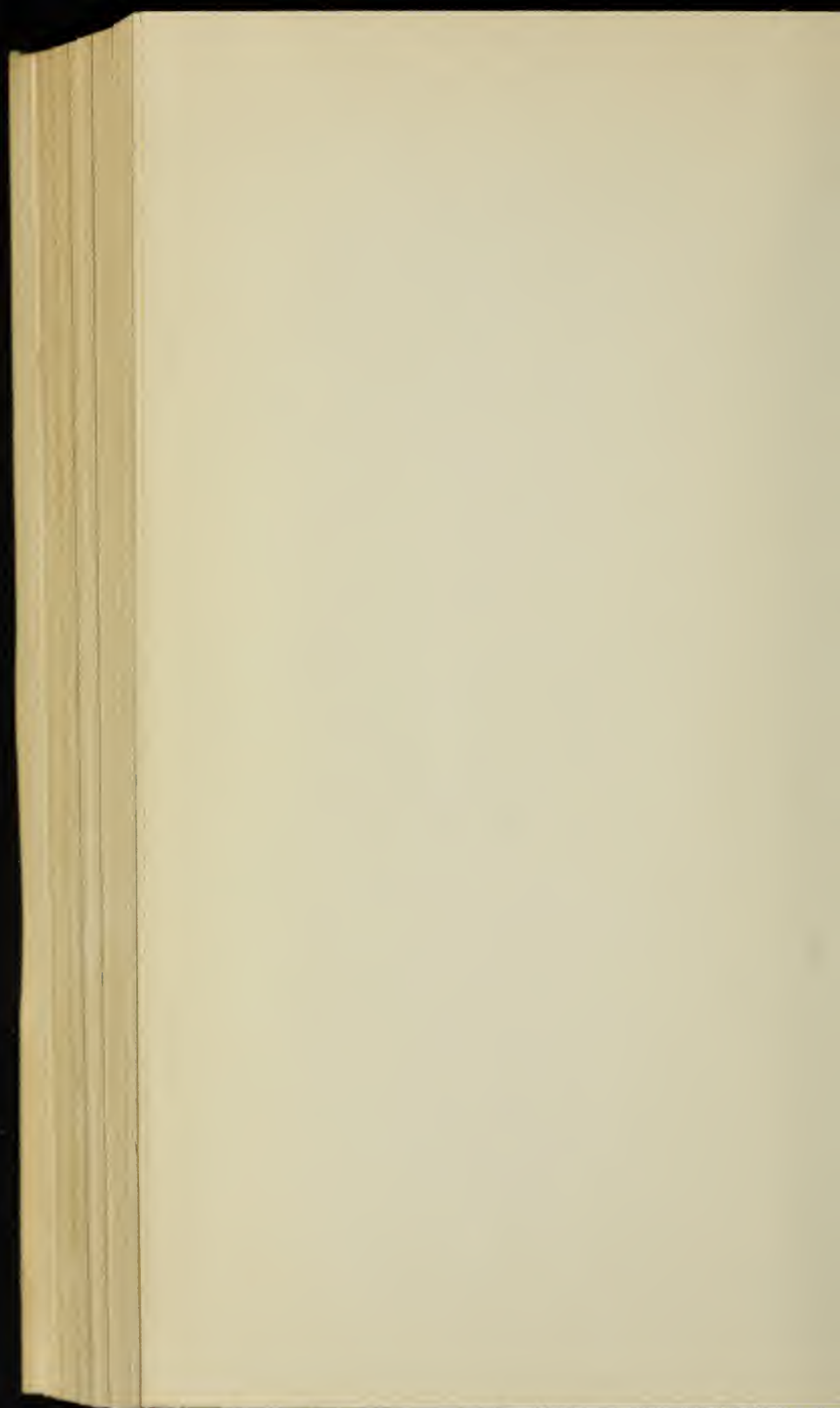


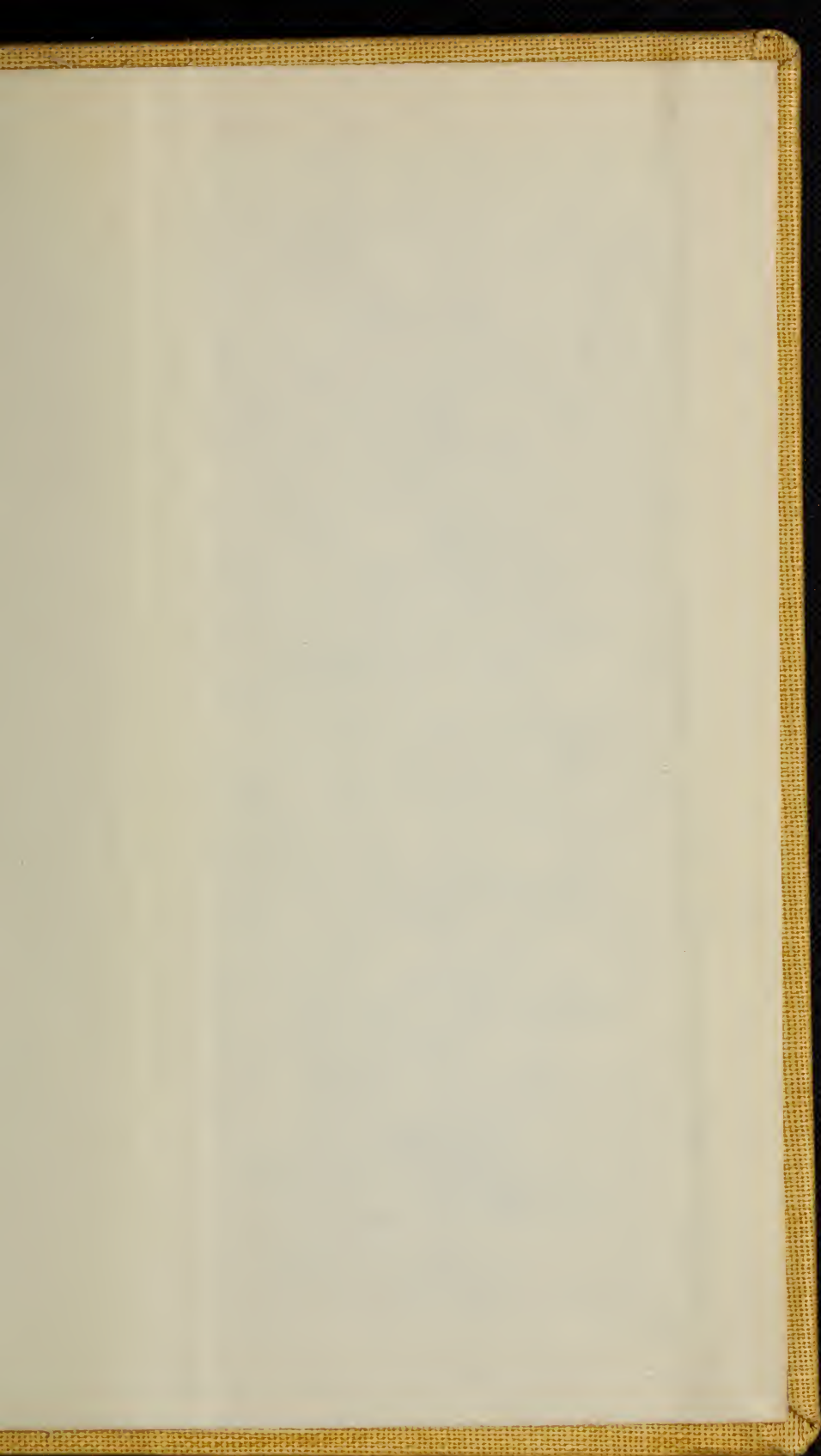














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